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OF THE

PROVINCE OF BRITISH COLUMBIA

SESSION 1920

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FORTY-EIGHTH ANNUAL REPORT

OF

THE PUBLIC SCHOOLS

OF THE PROVINCE OF

BRITISH COLUMBIA

1918-19

BY THE SUPERINTENDENT OF EDUCATION

WITH APPENDICES

PRINTED BY
AUTHORITY OF THE LEGISLATIVE ASSEMBLY.

VICTORIA, B.C.:
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To Colonel the Honourable EDWARD GAWLER PRIOR,
A Member of the King's Privy Council for Canada,
Lieutenant-Governor of the Province of British Columbia.

MAY IT PLEASE YOUR HONOUR:

I beg herewith respectfully to present the Forty-eighth Annual Report on the Public Schools of the Province.

J. D. MACLEAN,
Minister of Education.

December 31st, 1919.

46105

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PART I.

GENERAL REPORT.

REPORT OF THE SUPERINTENDENT OF EDUCATION.

1918-1919.

EDUCATION OFFICE,
VICTORIA, B.C., December, 1919.

To the Honourable J. D. MacLean, M.D., C.M.,
Minister of Education.

SIR,—I beg to submit the Forty-eighth Annual Report of the Public Schools of British Columbia for the school-year ending June 30th, 1919.

The total enrolment in all the schools was 72,006. The number of boys was 35,954, and of girls 36,052. The average actual daily attendance was 56,692.38. The percentage of regular attendance was 78.73. The total number of teachers employed was 2,332. Of this number, 197 were employed in the high schools, 957 in the city graded schools, 549 in the rural municipality schools, and 629 in the rural and assisted schools.

HIGH SCHOOLS.

The enrolment in the high schools during the year was 5,806. Of this number, 2,392 were boys and 3,414 were girls.

The number of divisions, the total enrolment, the average actual daily attendance, and the percentage of regular attendance in each high school are shown in the following table:—

High Schools.	No. of Divisions.	Total Enrolment.	Average Actual Daily Attendance.	Percentage of Regular Attendance.
Agassiz	1	26	18.76	72.15
Armstrong	2	43	35.65	82.90
Bridgeport	2	32	26.07	81.47
Chilliwack	4	118	97.94	83.00
Cranbrook	2	56	49.99	89.26
Cumberland	2	43	35.11	81.65
Duncan	2	56	43.78	78.18
Enderby	1	30	23.67	78.90
Esquimalt	3	51	42.77	83.86
Fernie	2	56	51.10	91.25
Golden	1	13	9.27	71.31
Grand Forks	3	67	55.49	82.82
Greenwood	1	16	14.26	89.12
Kamloops	4	93	78.36	84.26
Kaslo	2	36	32.45	90.14
Kelowna	2	70	53.57	76.53
Ladner	2	33	28.46	86.24
Ladysmith	2	56	49.42	88.25
Langley	2	42	37.25	88.69
Matsqui	2	14	13.55	96.78
Mission	2	46	35.11	76.32
Nanaimo	4	114	89.02	78.09
Nelson	6	185	155.21	83.89
New Westminster	10	352	280.89	79.79
Oak Bay	4	94	73.80	78.51
Peachland	1	13	8.44	64.92
Penticton	2	51	39.62	77.69
Point Grey	6	170	139.30	81.94
Port Alberni	1	14	9.56	68.29
Prince George	1	15	9.67	64.46
Prince Rupert	2	44	38.02	86.41
Revelstoke	4	90	86.48	96.09
Rossland	3	46	38.56	83.83
Salmon Arm	2	36	33.34	92.61
Summerland	2	44	35.10	79.77
Trail	2	52	39.77	76.48
Vancouver:				
Britannia	15	517	431.14	83.39
King Edward	27	912	734.77	80.56
King George	11	405	329.05	81.25
Kitsilano	3	105	82.89	78.94
Cecil Rhodes	6	205	155.36	75.78
Vancouver, North	5	149	105.26	70.64
Vancouver, South	9	310	246.11	79.39
Vernon	3	74	53.15	71.82
Victoria	24	812	612.47	75.42

CITY PUBLIC SCHOOLS.

The enrolment in the city public schools was 35,090, and the average actual daily attendance 28,462.01. The number of boys enrolled was 17,693; of girls, 17,397.

The number of divisions, the total enrolment, the average actual daily attendance, and the percentage of regular attendance in each city public school are shown in the following table:—

Schools.	Number of Divisions.	Total Enrolment.	Average Actual Daily Attendance.	Percentage of Regular Attendance.
Alberni	2	78	59.29	76.01
Armstrong	7	265	204.81	77.28
Chilliwack	9	307	258.22	84.11
Courtenay	3	140	94.77	67.69
Cranbrook:				
Central	9	414	336.64	81.31
Kootenay Orchards	1	19	14.08	74.10
South Ward	2	74	57.86	78.19
Cumberland	10	413	348.00	84.26
Duncan	6	194	162.30	83.66
Enderby	4	147	109.91	74.77
Fernie	22	855	743.47	86.95
Grand Forks	9	388	315.05	81.19
Greenwood	3	119	93.99	78.98
Kamloops	13	528	429.64	81.37
Kaslo	4	176	143.87	81.74
Kelowna	11	412	330.99	80.34
Ladysmith	11	382	326.98	85.59
Merritt	7	277	215.43	77.77
Nanaimo:				
Middle Ward	4	156	128.95	82.66
Quennell	18	771	609.37	79.04
South Ward	3	157	125.60	80.00
Nelson	17	666	540.50	81.16
New Westminster:				
F. W. Howay	12	416	356.13	85.61
Lord Kelvin	8	308	249.49	81.00
Lord Lister	9	330	276.21	83.70
Richard McBride	9	389	296.40	76.19
Queensborough	2	66	50.41	76.38
John Robson	11	426	328.39	77.09
Herbert Spencer	9	336	294.23	87.57
Phoenix	5	133	125.79	94.57
Port Alberni	3	131	93.18	71.13
Port Coquitlam:				
Central	4	136	119.64	87.97
James Park	2	73	61.75	84.58
Port Moody	6	173	140.18	81.03
Prince George	5	197	125.61	63.76
Prince Rupert	15	582	488.83	83.99
Revelstoke:				
Central	7	273	234.91	86.05
Selkirk	8	288	261.82	90.91
Rossland:				
Cook Avenue	1	43	36.76	85.49
MacLean	11	468	411.11	87.84
Salmon Arm	3	114	99.42	87.21
Sandon	1	37	32.17	86.95
Slocan	2	67	50.83	75.87
Trail:				
Central	12	472	371.71	78.75
Smelter Hill	2	41	27.57	67.24
East	2	48	40.07	83.48

CITY PUBLIC SCHOOLS.—*Concluded.*

Schools.	Number of Divisions.	Total Enrolment.	Average Actual Daily Attendance.	Percentage of Regular Attendance.
Vancouver:				
Aberdeen	10	467	327.27	70.08
Alexandra	16	606	502.31	82.89
Bayview	8	331	271.13	81.91
Beaconsfield	6	252	199.50	79.16
Central	20	980	600.81	61.30
Children's Home	4	103	97.24	94.40
Dawson	26	1,011	800.99	79.22
Charles Dickens	8	310	263.78	85.09
Fairview	15	585	472.26	80.73
Franklin	6	219	193.13	88.19
Simon Fraser	16	626	520.88	83.20
General Gordon	9	426	330.66	77.62
Grandview	13	545	477.10	87.54
Hastings	12	506	427.54	84.49
Henry Hudson	14	587	466.18	79.42
Kitsilano	11	463	392.70	84.81
Livingstone	10	402	316.34	78.69
Model	13	528	430.65	81.56
Mount Pleasant	17	696	582.35	83.67
Macdonald	11	438	371.78	84.88
Lord Nelson	16	691	572.29	82.82
Florence Nightingale	17	750	612.96	81.72
Cecil Rhodes	10	443	349.93	78.99
Lord Roberts	25	1,028	815.32	79.31
Laura Secord	10	404	340.70	84.33
Seymour	16	728	592.90	81.44
Strathcona	20	822	680.86	82.83
Lord Tennyson	15	635	509.09	80.17
School for the Blind	1	7	5.96	85.14
School for the Deaf	5	40	27.46	68.65
Vancouver, North:				
Lonsdale	8	321	267.28	83.26
Queen Mary	10	395	323.59	81.92
Ridgeway	10	381	319.58	83.88
Vernon	15	610	482.53	79.10
Victoria:				
Bank Street	4	170	145.95	85.85
Beacon Hill	4	157	119.03	75.81
Boys' Central	12	439	349.88	79.69
Burnside	6	242	192.65	79.60
Cook Street	1	33	28.61	86.69
Sir James Douglas	12	508	405.42	79.80
Fernwood	2	74	60.09	81.20
Girls' Central	13	514	402.46	78.29
George Jay	11	464	376.71	81.18
Margaret Jenkins	7	241	212.84	88.21
King's Road	3	152	114.03	75.02
Kingston Street	5	232	174.43	75.18
North Ward	10	368	292.52	79.48
Oaklands	11	405	355.19	87.70
Quadra Street	8	263	243.14	92.44
South Park	10	391	308.16	78.81
Spring Ridge	5	210	178.38	84.94
West	10	388	322.30	83.06
Child Study Laboratory	1	18	12.84	71.33

RURAL MUNICIPALITY PUBLIC SCHOOLS.

The enrolment in the rural municipality public schools during the year was 17,869, and the average actual daily attendance was 14,084.32. The number of boys enrolled was 9,036; of girls, 8,833.

The following table gives the names of the several municipalities, the number of schools in each, the number of divisions, the total enrolment, and the average actual daily attendance:—

Municipality.	Number of Schools.	Number of Divisions.	Total Enrolment.	Average Actual Daily Attendance.
Burnaby	15	45	1,797	1,405.75
Chilliwack	14	25	697	510.95
Coldstream	2	2	59	46.04
Coquitlam	5	7	134	93.94
Cowichan, North	5	6	170	121.58
Delta	11	15	418	314.63
Esquimalt	1	15	573	443.51
Kent	4	6	190	143.62
Langley	14	20	664	462.40
Maple Ridge	9	16	447	324.46
Matsqui	10	16	377	271.02
Mission	8	13	362	259.89
Oak Bay	2	13	493	393.19
Peachland	2	4	99	95.19
Penticton	2	12	448	367.29
Pitt Meadows	2	2	53	39.82
Point Grey	6	34	1,326	1,103.74
Richmond	6	14	479	357.67
Saanich	15	47	1,584	1,218.95
Salmon Arm	6	7	214	153 65
Spallumcheen	8	8	156	114.49
Sumas	5	6	130	90.32
Summerland	2	8	244	193.70
Surrey	18	25	677	455.03
Vancouver, North	5	14	475	370.50
Vancouver, South	14	136	5,388	4,579.47
Vancouver, West	2	6	215	153.61

RURAL AND ASSISTED SCHOOLS.

The total enrolment in these schools for the year was 13,241. Of this number, 6,833 were boys and 6,408 were girls.

EXPENDITURE FOR EDUCATION, 1918-1919.

Education Office:		
Salaries	$12,964 15	
Office supplies, etc.	5,205 71	
Travelling expenses	570 39	
		$ 18,740 25
Free Text-book Branch:		
Salaries	$ 5,563 85	
Office supplies, etc.	2,282 00	
Books, maps, globes, etc.	68,225 16	
		76,071 01
Agricultural Education:		
Salaries	$15,317 80	
Office supplies, etc.	429 29	
Travelling expenses	1,158 53	
Grants in aid of agricultural education	9,251 38	
Summer school	329 79	
		26,486 79
Industrial Education:		
Salaries	$ 2,940 00	
Office supplies, etc.	414 32	
Travelling expenses	1,059 48	
Night-schools	9,010 90	
Grants in aid of industrial education	1,219 66	
Summer schools	88 94	
		14,733 30
Inspection of Schools:		
Salaries	$28,639 00	
Office supplies, etc.	1,110 71	
Travelling expenses	11,363 44	
Office-rents	50 00	
		41,163 15
Provincial Normal School, Vancouver:		
Salaries	$19,208 10	
Office supplies, etc.	2,096 01	
Travelling expenses	9 25	
Fuel, water, light	1,365 09	
Maintenance and repairs of buildings, grounds, etc.	1,166 18	
Mileage *re* travelling expenses of students	3,133 66	
Allowance to teachers assisting Normal students	1,195 00	
		28,173 29
Provincial Normal School, Victoria:		
Salaries	$17,360	
Office supplies, etc.	1,899 87	
Fuel, water, light	2,363 99	
Maintenance and repairs of buildings, grounds, etc.	1,195 57	
Mileage *re* travelling expenses of students	5,350 64	
Allowance to teachers assisting Normal students	437 00	
		28,607 07
Deaf, Dumb, and Blind:		
Tuition, maintenance, fares, etc.		14,624 36
Per capita grant to cities		535,371 85
Per capita grant to municipalities		358,833 35
Carried forward		$1,142,804 42

Brought forward	$1,142,804 42
Per capita grant to rural school districts	123,535 80
Salaries of teachers in assisted schools	328,292 90
Salaries of teachers in Esquimalt & Nanaimo Railway Belt	74,538 30
Grants to libraries	208 93
Grants in aid of manual-training equipment	2,446 04
Erection, maintenance, and repairs of school buildings	96,706 43
Examination of teachers and Entrance Examination	15,707 61
Conveying children to central schools	3,405 66
Grants and rents to school districts, etc.	3,507 38
Amount expended by cities, municipalities, rural and assisted school districts	2,437,566 45
Grand total cost of education	$4,228,719 92

The following table shows the cost to the Provincial Government of each pupil on enrolment and on average daily attendance during the past ten years:—

Year.	Cost of each Pupil on Enrolment.	Cost of each Pupil on Average Actual Daily Attendance.
1909-10	$15 36	$21 78
1910-11	15 86	22 25
1911-12	17 47	23 32
1912-13	17 91	23 85
1913-14	20 04	25 27
1914-15	21 78	26 65
1915-16	22 50	28 56
1916-17	22 47	27 83
1917-18	22 64	27 93
1918-19	24 88	31 59

The gradual growth of the schools, as well as the cost to the Provincial Government of maintaining the same, is shown by the record of attendance and expenditure given in the following exhibit:—

Year.	Number of School Districts.	Aggregate Enrolment.	Average Actual Daily Attendance.	Percentage of Attendance.	Expenditure for Education proper.
1872-73	25	1,028	575	55.93	$36,763 77
1877-78	45	2,198	1,395.50	63.49	43,334 01
1882-83	59	2,693	1,383.00	51.36	50,850 63
1887-88	104	6,372	3,093.46	48.54	99,902 04
1892-93	169	11,496	7,111.40	61.85	190,558 33
1897-98	213	17,648	11,055.65	62.64	247,756 37
1902-03	268	24,499	16,357.43	66.76	397,003 46
1907-08	189	33,314	23,195.27	69.62	464,473 78
1912-13	*359	57,608	43,274.12	75.12	1,032,038 60
1913-14	*374	62,263	49,377.70	79.30	1,248,163 44
1914-15	*410	64,624	52,821.72	81.73	1,407,990 32
1915-16	*419	64,570	50,870.25	78.78	1,452,999 99
1916-17	*432	65,118	52,577.12	80.74	1,463,405 78
1917-18	575	67,516	54,746.76	81.09	1,529,058 93
1918-19	582	72,006	56,692.38	78.73	1,791,153 47

* Including assisted schools with defined boundaries.

The following table shows the average salaries paid to the teachers during the year in the high schools throughout the Province, in the city public schools, in the rural municipality public schools, and in rural and assisted schools:—

	AVERAGE SALARIES.							
	Male.				Female.			
	Academic Certificate.	First-class Certificate.	Second-class Certificate.	Third-class Certificate.	Academic Certificate.	First-class Certificate.	Second-class Certificate.	Third-class Certificate.
High schools	$2,192	.....	.....	.....	$1,619	.....	.....	.....
City public schools	1,975	$2,032	$1,466	$1,289	1,159	$1,171	$1,055	$959
Rural municipality schools	1,543	1,777	1,424	940	959	1,004	960	879
Rural and assisted schools	1,061	1,066	1,022	995	1,055	964	950	924

The average salary paid to the teachers of the Province (male and female) was $1,162.33.

The following is a list in tabular form of the number of teachers employed during 1918-19 in the various electoral districts of the Province; the number of male and female teachers is also shown as well as the class of certificate held:—

Electoral District.	Academic.	First Class.	Second Class.	Third Class.	Temporary.	Special.	Male.	Female.	Total.
Alberni	2	6	10	7	6	.....	6	25	31
Atlin	2	.....	2	5	1	.....	3	7	10
Cariboo	.....	4	2	6	4	.....	1	15	16
Chilliwack	10	8	28	16	2	3	11	56	67
Columbia	2	1	5	3	8	.....	5	14	19
Comox	11	8	28	13	7	.....	10	57	67
Cowichan	3	5	8	8	2	.....	5	21	26
Cranbrook	6	4	7	9	4	1	4	27	31
Delta	7	4	27	23	4	.....	8	57	65
Dewdney	5	13	20	21	1	1	9	52	61
Esquimalt	5	7	10	9	.....	2	6	27	33
Fernie	9	13	17	9	3	.....	9	42	51
Fort George	3	8	7	7	11	.....	12	24	36
Grand Forks	5	6	4	9	1	.....	4	21	25
Greenwood	1	1	5	7	1	.....	4	11	15
(The) Islands	2	4	10	3	3	.....	6	16	22
Kamloops	9	8	28	26	12	.....	14	69	83
Kaslo	4	5	7	5	4	.....	7	18	25
Lillooet	.....	1	4	4	5	.....	2	12	14
Nanaimo		8	18	12	1	2	6	42	48
Nelson	7	2	10	3	.....	3	6	19	25
Newcastle	1	3	20	5	1	.....	4	26	30
New Westminster	13	22	30	4	.....	7	19	57	76
North Okanagan	10	13	25	17	2	4	10	61	71
North Vancouver	11	15	25	21	3	3	16	62	78
Omineca	.....	1	4	1	3	.....	1	8	9
Prince Rupert	4	10	16	6	8	2	13	33	46
Revelstoke	4	5	20	3	2	.....	6	28	34
Richmond	14	15	42	17	.....	6	22	72	94
Rossland	3	.....	9	4	.....	1	3	14	17
Saanich	8	14	34	8	.....	2	9	57	66
Similkameen	4	9	20	5	1	2	10	31	41
Slocan	4	10	10	3	3	.....	10	20	30
South Okanagan	10	6	19	7	5	2	11	38	49
South Vancouver	17	31	80	27	3	16	34	140	174
Trail	3	10	23	14	3	1	5	49	54
Vancouver City	135	126	157	13	6	44	123	358	481
Victoria City	32	45	67	16	16	.....	45	131	176
Yale	3	2	15	12	4	.....	7	29	36
Totals (1918-19)	376	453	873	388	140	102	486	1,846	2,332
" (1917-18)	372	463	796	420	80	115	436	1,810	2,246

INSPECTORS' REPORTS.

HIGH SCHOOLS.

VICTORIA, B.C., July 21st, 1919.

Alexander Robinson, Esq.,
Superintendent of Education, Victoria, B.C.

SIR,—I beg to submit the following report on the high-school work of the Province for the school-year ending June 30th, 1919:—

During the year new superior schools were established at Howe Sound and Silverton; the Port Moody superior division was reopened; the Cecil Rhodes Commercial High School in Vancouver was established; the high school at Salmon Arm was graded; and the superior school in Langley Municipality raised to the status of a high school and a second division opened. The attendance at the Matsqui High School fell to thirteen, and as a result the Trustee Board decided to reduce this to an ungraded school.

Forty-five high schools, with 218 divisions, and sixteen superior schools were in operation during the year, employing in all 236 teachers, an increase of eighteen teachers over the preceding year. There was an increase of 656 in the number of pupils enrolled in the high schools, the enrolment for the past year being 5,806 for high schools and 184 for superior schools. It is worthy of note that eighty-seven pupils enrolled in public schools were receiving instruction in high-school work. Twenty-nine public schools were attempting high-school studies, the number of students pursuing such studies in these schools ranging in number from one to nine. I found it impossible to pay even one visit to all districts, and consequently thirty-six classes received no inspection.

The work of the high schools was seriously interfered with by the influenza epidemic, many schools being closed for upwards of two months. Many pupils and teachers suffered from the disease and were unable to do their best work for weeks after returning to school. The Education Department, realizing the seriousness of the situation, decided that in fairness to the pupils a curtailment of the requirements in each subject was necessary; accordingly, the limits for the different subjects were reduced by from 25 to 33 per cent. The terminal examinations were set on these curtailed limits. Statistics regarding these examinations are given below:—

Grade.	No. of Candidates.	No. passed.	No. granted University Supplemental Examination.
Advanced and Full Course, Junior Grade, and Third Class Non-professional	184	160	...
Intermediate Grade	142	120	...
Third-year Commercial	12	11	...
Third-year Technical	7	6	...
Senior Grade	30	26	...
Senior Academic	5	4	...
Agriculture only	43	41	...
Education only	22	22	...
University Matriculation, Junior	868	502	203
University Matriculation, Senior	27	14	5
Totals	1,340	906	208

Leaving out of consideration those who wrote on Agriculture or Education only, 224 candidates failed completely, a percentage of 17.56. Last year the percentage of failures was 19.63, there being 196 failures out of 998 candidates.

The following statement regarding the number of high-school pupils taking work in special subjects is rather interesting:—

Agriculture	229
Commercial	870
Manual Training	1,115
Domestic Science	1,290

During the year the technical work at King Edward High School, Vancouver, has prospered. At the time of my visit there were in operation seven boys' technical classes, enrolling 221 pupils. The Third-year class in operation for the first time had an enrolment of twelve. Sixteen girls were given a Second-year Course in Home Economics and thirty-six were enrolled in the First-year class in this course. At the beginning of the school-year the Vancouver School Board established the Cecil Rhodes Commercial High School with six teachers, and thus relieved King Edward of its Commercial Department.

Next year it will be necessary to make provision in Vancouver for a Third-year Course in Home Economics and a Fourth-year Course in Boys' Technical Work.

The Strathcona Trust prizes for excellence in physical drill were awarded as follows:—

First prize—G. Downes, B.Sc., 3rd Division, Oak Bay High School.

Second prize—Miss M. Brockwell, B.A., 2nd Division, Armstrong High School.

Third prize—Miss B. Macdonald, B.A., 2nd Division, Nanaimo High School.

The Langley School Board, realizing the benefits which are to be derived from co-operation and centralization, decided to provide means for conveying to the superior school at Belmont pupils from the outlying parts of the municipality. As a result this school has prospered to such an extent that it was found necessary to raise it to the status of a high school and appoint a second teacher. The Education Department contributed the usual grant towards the cost of transportation. In all probability the Surrey School Board will follow the example set by Langley, and will thus make Cloverdale a real municipal high school. At least two rural municipalities of the Province, on account of the unwillingness of the people to centralize, have established in place of one central high school two or three superior schools. These continue to exist, but the attendance is decreasing and the interest waning each year. It is most regrettable that local jealousies should be the means of robbing children of a course of training which might fit them for the highest possibilities of citizenship, and should prevent the parents from awakening to a full realization of the importance of developing aright child-life, the real value of which has been so enhanced and increased since 1914.

The changes in the Course of Instruction which became operative at the beginning of the school-year seem to have met with the approval of teachers and parents. A considerable number of Preliminary pupils have taken advantage of the opportunity granted them of substituting science for one foreign language. Of the schools which I inspected, about 21 per cent. of the Preliminary pupils chose science, 63 per cent. Latin, and 66 per cent. French.

The Council of Public Instruction has authorized the following changes in the Course of Study for high schools for the school-year 1919-20:—

(1.) Preliminary students who wish to substitute science for one foreign language may select either the text-book in use during the past year or the Course in General Science as outlined by Caldwell & Eikenberry.

(2.) Pupils of the Advanced Course, Junior Grade, in place of the physics and chemistry at present prescribed will select either Cornish's High School Chemistry or Merchant & Chant's High School Physics. Only a part of each of these texts is to be covered in the Advanced Course, the pupils continuing with the same texts in their third year. Pupils who chose the science option in their first year should continue the language already chosen and take both the sciences mentioned above. Agriculture may be substituted for physics or for chemistry.

(3.) The Two-year Course in Agriculture which was formerly given in the first and second years will in future be begun in the second year.

(4.) Senior Grade pupils will be expected to cover Parts IV., V., and VI. of Hall & Stevens' School Geometry in place of Euclid.

The big question of the year, so far as our high schools are concerned, has been the revision of the Academic Course of Study which has been under discussion for a considerable time. This question has taken longer than was expected; hence the reason for the delay in putting into effect certain changes foreshadowed in my report of last year; but it is now

expected that the complete revised course will be in operation in September, 1920. In the consideration of this question the Education Office had the assistance of high-school teachers and members of the Faculty of the University of British Columbia. These men put their best thought into the work and gave their time unsparingly. Many Saturdays which could with difficulty be spared from school duties were devoted to this task. The members of the committee are richly deserving of the thanks of all those who have at heart the interests of our high-school pupils. It would be ungrateful to pass by in silence the many teachers who voluntarily offered suggestions, which the committee found most valuable. The members of the committee sought help from all teachers with whom they came in contact, and the High School Inspector made it a point to take up this question in all schools visited during the second term.

English.—In the study of English a greater proportion of interesting narrative poems in the first two years would add to the interest. One of the lighter plays of Shakespeare might well be required of second-year pupils. The present text-book in composition is a good one, but a strong objection to it as a high-school text is found in the fact that the pupils were introduced to it in the Senior Grade of the Public School Course. One or two novels for supplementary reading in both Preliminary and Advanced Junior years are necessary. These novels should not be studied intensively, but the teachers will find them of great assistance in teaching form and style, and through them the pupils will be given a taste for good reading. The course will still require—and rightly so—a very considerable amount of intensive study in connection with English literature. Many of our teachers of English have the mistaken idea that they are not doing their duty in connection with the study of Ivanhoe, for example, unless they submit each page to the most minute analysis. These books for supplementary reading should be read carefully, but the attention of the pupils should not be so fixed on details that they fail to appreciate the main purpose and beauty of the work. One of our teachers of English has made the following statement in this connection: "If a general change might be suggested, it is sometimes felt that a much wider field of English literature might be covered with less requirement for detailed study. The scope of English literature is so great that much more generous assignments might be profitably made. As an appreciation of literature is, after all, an understanding of its spirit and purpose, its relation to its own time and its application to ours, it would appear that insistence on its minute disintegration and examination is subversive to the primary purpose of literary study."

In at least two schools last year physiology was taken by the second-year students as one of the regular subjects of the course. It was never intended that this subject should be selected by students who intend finishing their High School Course. It is to be taken as a regular subject only by those pupils who wish to pass the Third-class Non-professional Examination without foreign languages.

The fact that twenty-nine public schools are giving instruction in high-school subjects emphasizes a problem which is crying for solution. Many public schools situated in districts where no high or superior school is available are each year sending up pupils who successfully pass the High School Entrance Examination, but as there is no high school in their vicinity they are perforce compelled to leave school permanently, although no doubt many of them are anxious to take a High School Course.

During the school-year 1917-18 the Education Department made several important changes in connection with high-school examinations, one of which was the doing away with the High School Entrance Examination in cities of the first and second class. I have no hesitation in saying that my inspection of the high schools during the year has forced me to the conclusion that this was a mistake. Many pupils came into high school at the beginning of the year just closed totally unfit to grapple with the high-school subjects. Instead of a kindness it is doing an injustice to such pupils to send them to high school. If they do not drop out during the first few months they merely limp through their course, and the probability is will never make citizens strong in brain and spirit. Not only do these pupils get little benefit themselves, but because of them the other members of the class are robbed of the opportunity of getting the maximum of benefit from their course. I do not think it advisable to ask all Entrance pupils to write an examination. Possibly the best pupils, say 50 per cent. of the class, might be passed on the recommendation of their teacher. This plan would be an incentive to good work during the term, as all pupils would be anxious to be placed in the top half of the class. In

my opinion the best Entrance teachers and fully 75 per cent. of the total number prefer that their pupils be given a test by skilled men who have no direct responsibility for the student's teaching, while the high-school teachers are practically a unit in favour of an examination before pupils are admitted to high school. Pupils who cannot pass the Entrance Examination of this Province are certainly not in a position to do the work required of them in high school.

President Hadley, of Yale University, has the following to say regarding the subject of examinations: "An examination paper set by a man who knows his business, and preferably not by the teacher himself is the most potent method of getting the pupils to do as much as possible of the work themselves instead of leaving it wholly to the teacher. Such examinations give rise to as keen a competition as ever existed on a football field or the river and make study a dominant interest with good students instead of an incidental one. The College Board examinations in this country with all their faults have had a decided effect in making pupils in preparatory schools take an active responsibility for their work. When our colleges have offered to accept certificates on some subjects and require examinations on others, the chief objection has come from teachers of the subjects where we were ready to accept certificates. They have said frankly that this would constitute a discrimination against them, because the pupil would do all his work on the subjects in which he was going to be examined."

While the above remarks were applied to high-school and university students, they apply with almost equal force to pupils entering high school.

I have, etc.,

J. B. DELONG,

Inspector of High Schools.

INSPECTORATE No. 1.

VICTORIA, B.C., October 31st, 1919.

Alexander Robinson, Esq.,
Superintendent of Education, Victoria, B.C.

SIR,—I beg to submit the following report on the schools of Inspectorate No. 1 for the school-year ending June 30th, 1919:—

At the end of the school-year the number of public schools in operation in this inspectorial district was fifty-eight. Of this number, thirty-seven were in the Municipalities of Alberni, Courtenay, Cumberland, Port Alberni, Victoria, and Saanich, and twenty-one were of rural or assisted classification. Seventeen schools were ungraded and twelve were of two divisions; in the City of Victoria seven of the nineteen schools were composed of Junior Grade pupils only. The number of teachers engaged was 243, but of this number seven were manual-training instructors, six were domestic-science instructors, and four were supervisors.

Owing to the epidemic of influenza many of the schools were closed for a considerable period of time, and for this reason it was impossible to inspect all within the year; the rural and smaller city schools were given chief attention, and while, with three exceptions, all the schools in the City of Victoria were inspected, the time devoted to each room was not as great as that given to those not under municipal inspection.

All the schools in this district are so favourably situated that the trustees seldom experience much difficulty in procuring the services of certificated teachers; but the rural districts can very rarely retain the services of their teachers for a longer period than one year. Generally, too, the teachers going into these rural districts are young and inexperienced, and, while they perform the duties of their office in a conscientious manner, they are seldom an influence in the life of the community.

With few exceptions the school buildings throughout the district are good; two buildings in Victoria should be replaced with others of newer design, and Courtenay needs a newer and larger building. In the rural sections the buildings are all comparatively new and well planned, with satisfying conditions as to light and ventilation; but hygienic conditions are seldom satisfactory in these schools owing to the difficulty experienced by the trustees in securing the services of janitors who will take an interest in the work of maintaining cleanliness in and around the school houses, and in seeing that the rooms are well warmed by the time that the children arrive in the morning.

Little was done during the year towards beautifying the school-grounds, and very few rural schools reported school-gardens. The reason for this is not far to seek; the trustees look to the teacher for advice in these matters, and the teacher has already decided to leave the district by the time the garden should be begun; her interest in the school is waning. As the teachers graduate from the Normal School with a knowledge of gardening, I believe it advisable to make the school-garden compulsory, for under the present optional plan very few of our migratory teachers will interest themselves sufficiently in the matter. The Saanich schools are well advanced in school-gardening, and the more experienced teachers are gradually co-ordinating it with other studies; some of the Victoria schools continued their interest in this subject.

Better results would be attainable in our rural schools if the teachers cultivated the habit of consulting with the trustees with regard to the physical requirements of the school. The teacher is too often content to carry on with whatever material happens to be in the school-house when she takes charge; when this is sufficient in variety and quantity advantage is taken of it, but the trustees are seldom asked to replace exhausted material, and while, for this reason, the work suffers throughout, the Manual Arts are almost entirely neglected. The trustees are usually willing to provide all necessary supplies, and the teacher should realize that it is her duty to inform them of the physical requirements of the school, that these may be supplied in sufficient time for the school to receive the fullest benefit from them.

While the schools were closed owing to the epidemic of influenza, many of the teachers, thus relieved from their regular duties, rendered valuable service in the homes and the hospitals by administering to the needs of those stricken by the disease. Few had received training for the work, and the moral courage shown by those teachers in volunteering their services at that time is to be commended. Two teachers thus engaged—Miss Westwood, of George Jay School, Victoria, and Mrs. Darbyshire, of Tolmie School, Saanich—contracted the disease and succumbed to its effects; both women were appreciated for their sterling qualities and their loss was deeply felt by their schools and by their communities.

I have, etc.,

W. H. M. MAY,

Inspector of Schools.

INSPECTORATE No. 3.

VANCOUVER, B.C., October 30th, 1919.

Alexander Robinson, Esq.,
Superintendent of Education, Victoria, B.C.

SIR,—I have the honour to submit the following report upon the public schools of Inspectorate No. 3 for the school-year 1918-19:—

Inspectorate No. 3, which was in charge of Inspector Gower and myself until the end of March, 1919, comprised the schools within the City of Vancouver, the Rural Municipalities of Burnaby, Point Grey, and Richmond, as well as about forty-five rural and assisted schools on the Coast Mainland and adjacent islands north of Vancouver. When Inspector Bruce returned to Vancouver in April, he took charge of one-third of the work in Vancouver City and a number of schools which until then had been in one of the adjoining inspectorates.

During the first part of the year my duties were confined to the schools of Burnaby, a number of Coast schools, and the following in Vancouver City: Aberdeen, Alexandra, Bayview, Children's Home, Dawson, Franklin, Hastings, Kitsilano, Livingstone, Nelson, Rhodes, Roberts, Strathcona, and Tennyson. In April I was relieved of Alexandra, Franklin, Livingstone, Nelson, and Tennyson Schools. Even with this amount of relief the work was very heavy, as each Inspector still had about 190 class-rooms under his charge. Because of the large number of teachers, an unusual amount of special work, and the necessity for closing schools during the influenza epidemic, I found it impossible to inspect all the schools.

The steady and rather marked increase in the school population of Burnaby during the past year has in some localities made it necessary that more accommodation be provided in the near future. At Nelson Avenue, Edmonds, and Kingsway West all available class-rooms were occupied when the schools reopened in September. I regret to state that the Board has decided to discontinue the Domestic Science classes for a time at least, and at Kingsway West the room that

had been used for this purpose is now occupied as an ordinary class-room. Unless the Board adopts a more progressive policy in providing accommodation, and acts more promptly when additional teachers are required, the efficiency of the schools will suffer seriously.

In Vancouver City conditions are becoming critical in regard to proper and sufficient accommodation. The Board and other officials have realized this for some time; but as funds for building purposes were not available various expedients have been adopted from time to time. Temporary buildings have been erected; classes have been assigned to basement rooms; attics have been divided into class-rooms; and emergency rooms have been utilized. Although existing conditions have been stated clearly to the public, and the demand for funds was energetically supported by those interested in the progress of the school, the by-laws have been defeated twice. It is to be hoped that the people will soon realize the gravity of the situation, and at the next opportunity courageously and liberally provide the Board with sufficient funds to improve school conditions before the good name of Vancouver is allowed to suffer.

The necessity for closing the schools for six weeks during the height of the influenza epidemic was, in my opinion, allowed to interfere to an unnecessary extent with the work of the school-year as a whole. In some schools no attempt was made to regrade the classes at the end of January, as only a part of the first term's work had been completed at that time. As the second term advanced the majority of the teachers found that they had made up for the lost time more quickly than had been anticipated, but that they had not sufficient time to complete the year's work. Although the time spent on general building-up and starting the second term's work was not wasted, a majority of pupils in such schools practically lost a term from the standpoint of promotion. In other schools this difficulty was very well overcome by principals who decided to extend the first term until the end of February, thus giving time to practically cover the first part of the year's work. This plan left only four months for the work of the second term, but many teachers were surprised to find how quickly a class, interested and working with a definite end in view, can complete a term's work. By this method the June promotions were based on the work of the whole year and much retardation was avoided.

The past year's work was conducted under unusual difficulties. Time was lost when the schools were closed owing to the epidemic of influenza; the attendance of pupils was irregular; sickness caused a long absence on the part of numerous teachers; and many others were worried by illness and loss of relatives in their homes. However, the intelligent and conscientious devotion of the teachers to duty was such that a general standard of good work was well maintained. The "Modified High School Entrance Course" was appreciated, as it made possible the completion of the Senior Grade work before the end of June, although so much time had been lost during the year. At the close of the school-year 800 pupils in the Vancouver schools were recommended by their principals for promotion to high school without examination; 166 others wrote the Entrance Examination, seventy-four of whom succeeded in obtaining High School Entrance certificates. Fairly satisfactory Entrance passes were obtained in Burnaby; sixty-three out of the eighty-four who tried the examination were awarded certificates.

Provision was made early in 1918 for the special training of retarded pupils in the schools of Vancouver. Through the organization of Miss Lindley, the school psychologist, the able and sympathetic supervision of Miss Dauphinee, and the earnest efforts of teachers in charge of special classes much good work is being accomplished. This class of school-work is very expensive, but it deserves hearty support. It is important not only for the direct benefits to the pupils in the special classes, but for the indirect benefits to the great body of normal pupils in the ordinary grade classes. The taking of these pupils out of the ordinary classes affords an opportunity to give them training suited to their capacity and to their probable occupation in life. In order that the labour and money now expended on these special classes may be productive of good and lasting results to both the children and the State, some industrial centre into which the special-class children can graduate should be established.

The teachers have felt the stress of the high cost of living as severely as any class. The proportional increase to teachers' salaries during the last few years has been smaller than that granted to almost any other class working for wages. The men and women who have taken up teaching as a profession are doing loyal, intelligent, conscientious work. It took considerable time and preparation and expense in order to equip themselves to perform their duties. The inadequate remuneration paid at present will not attract the capable or ambitious to enter the work. And yet there was never a time when there was greater need for efficiency and competency

in conducting our schools. Thus, proper treatment of the teachers in this matter becomes a vital question to the nation. Nationally there does not appear to be a remedy at present; but locally and Provincially it is possible to improve conditions. It is to be hoped that public opinion will soon demand some united action, local and Provincial, that will provide adequate remuneration for the permanent and successful teacher.

I have, etc.,
J. T. POLLOCK,
Inspector of Schools.

VANCOUVER, B.C., September 25th, 1919.

Alexander Robinson, Esq.,
Superintendent of Education, Victoria, B.C.

SIR,—I beg to submit the following report on that portion of Inspectorate No. 3 which formed my district for the school-year ending June 30th, 1919:—

Inspectorate No. 3, which was in charge of two inspectors for the greater part of the year, embraces the schools within the City of Vancouver, the Rural Municipalities of Burnaby, Point Grey, and Richmond, as well as about forty rural and assisted schools on the Coast Mainland and adjacent islands north of Vancouver. Until about the end of April my duties were confined to the schools of Point Grey, Richmond, a number of Coast schools, and the following in Vancouver City: Beaconsfield, Central, Dickens, Fairview, Gordon, Grandview, Hudson, Macdonald, Model, Mount Pleasant, Nightingale, Secord, Seymour, and Simon Fraser. The appointment of a third Inspector to the Vancouver staff near the close of the school-year relieved me of several city schools.

An extensive building programme was inaugurated in the Municipality of Point Grey a few months ago, and already eight-room buildings are in course of erection at Shaughnessy and Lot 472. A four-room addition to the Magee School is also being built. At Brighouse, in the Municipality of Richmond, a one-room school is being erected to accommodate the junior pupils in the neighbourhood. The school will be regarded as a division of the Bridgeport Graded School, and will come under the direct supervision of the principal at that point. School accommodation in some sections of Vancouver City is meagre, and building must ere long begin if the rapidly growing school population is to be properly housed.

The work of the schools was greatly disorganized during the first term of the year and the early part of the second owing to illness among teachers and pupils. For at least five weeks the majority of class-rooms within the inspectorate were closed and for a much longer period the average attendance was comparatively poor. The result was that a larger number of pupils than usual were forced to repeat their first term's work. Despite the difficulties under which the teachers worked, the great majority of them rendered faithful service throughout the year and endeavoured to maintain a high degree of efficiency in their teaching. The attitude of the teachers generally towards their school-work was very good. Considering the loss of time during the school-year, results at the recent Entrance Examination were commendable and indicated conscientious, painstaking effort on the part of those teachers doing Entrance work. Eighteen out of twenty-one rural-school pupils who presented themselves for examination succeeded in obtaining Entrance standing; in the Municipality of Point Grey eighty-eight qualified out of 103; in the Municipality of Richmond fourteen out of eighteen. Approximately 858 pupils in the Vancouver schools were admitted to Entrance standing either on the recommendation of their principals or by examination.

A progressive step educationally was made during the past year in the City of Vancouver in the organization of special classes for retarded children; children who for some reason or other are unable to do the work of the regular classes. Up to the present time ten such special classes have been organized and placed under experienced teachers with very satisfactory results. In the special class a careful study is made of the backward child and an opportunity is given him to develop along lines suited to his particular aptitude. As might be expected, a great deal of the training in the special classes is along manual lines. The segregation of retarded children is bound to affect beneficially the work of the regular classes and make possible more effective

teaching therein. Another feature of the past year was the appointment of supervising principals in two of the large city schools, who will devote their time entirely to supervisory work in their respective schools.

I have, etc.,
G. H. Gower,
Inspector of Schools.

Vancouver, B.C., September 22nd, 1919.

Alexander Robinson, Esq.,
Superintendent of Education, Victoria, B.C.

Sir,—I beg to submit the following report on the public schools of that part of Inspectorate No. 3 which formed my district for the last months of the school-year ending June 30th, 1919:—

During the greater part of the school-year my duties lay in Inspectorate No. 2, to which I had been temporarily removed to take the place of an Inspector who was overseas. When he was ready to again take up school-work at Easter I returned to this inspectorate. My duties here were confined to the public schools of the City of Port Moody; the Rural Municipalities of West Vancouver, Pitt Meadows, Maple Ridge, and Mission; twelve rural schools near Burrard Inlet and Howe Sound, and five near Mission, as well as the following schools in Vancouver City: Alexandra, Central, Fairview, Henry Hudson, Livingstone, Mount Pleasant, Lord Nelson, and Lord Tennyson.

During the short time available I was able to inspect only a few of these schools, and it is therefore impossible for me to report fully upon the year's activities of the whole district or to offer any definite conclusions as to the ability of the teachers or the progress of the pupils, though in the city schools visited the high standard of teaching noticed two years ago has been more than maintained. But it required very little time to observe two definite facts. The increase in teachers' salaries has not by any means kept pace with either the increase in the cost of living or the increased remuneration of those engaged in other occupations. The schools of Vancouver City have become so overcrowded that some of the class-rooms, in basements and attics, are a disgrace to a modern city. That the schools are handicapped by such conditions seems to be due entirely to the attitude of the ratepayers.

The prizes for physical training were awarded as follows:—

First—Miss Margaret Archibald, Division 14, Mount Pleasant School, Vancouver.
Second—Miss Edith A. Middlemiss, Division 5, Henry Hudson School, Vancouver.
Third—Sidney J. Bryant, Division 2, Fairview School, Vancouver.

I have, etc.,
Leslie J. Bruce,
Inspector of Schools.

INSPECTORATE No. 4.

Vancouver, B.C., October 25th, 1919.

Alexander Robinson, Esq.,
Superintendent of Education, Victoria, B.C.

Sir,—I have the honour to submit the following report upon the public schools of Inspectorate No. 4 for the school-year ending June 30th, 1919:—

Until May of the school-year under review this inspectorial district included the public schools in the City of North Vancouver, the Municipalities of North Vancouver, South Vancouver, West Vancouver, Pitt Meadows, Maple Ridge, Mission (with rural schools adjacent), and the rural and assisted schools on Burrard Inlet and Howe Sound.

On the welcomed return of Inspector Leslie J. Bruce from Victoria in May a readjustment of Inspectorates No. 3 and 4 was effected. From that date until the close of the school-year Inspectorate No. 4 included the public schools of South Vancouver and North Vancouver City and Municipality.

Owing to the epidemic of Spanish influenza which prevailed during the autumn of 1918 and the winter of 1919, the schools in this inspectorate were closed for periods varying from four to

nine weeks. Under such conditions an inspection of every class-room in an inspectorate which comprised nearly 250 class-rooms proved a physical impossibility.

With inspectorates still comprising approximately 200 class-rooms, truly efficient inspection is something that apparently must await the dawn of the "New Era." The truth of the old maxim that what is worth doing at all is worth doing well, I trust is still generally accepted. Paying a flying annual visit to rural schools presided over by young girls—the majority of whom are still in their 'teens—is not doing well the work of public-school inspection. If there is one thing more than another that the rural schools require, I am persuaded that it is more helpful supervision through more frequent inspection. Apparently in this way only can real assistance be given, when assistance is most needed, to the young and inexperienced teacher struggling earnestly to solve the many difficulties presented by our ungraded schools.

While no new buildings were erected in this inspectorial district during the year under review, the increase in the school population may be indicated by the following record of extension:—

An assisted school was opened at Cheakamus, on the Pacific Great Eastern Railway; a third division was opened at Britannia Beach; a second division at Ioco, on Burrard Inlet; a fourth division at Hollyburn, in West Vancouver Municipality. In North Vancouver Municipality a new school was opened at Roche Point at the Dollar Mills; a sixth division was opened at Lynn Valley and a fourth division recommended for North Star School. In North Vancouver City five new divisions were opened in the city schools. In the Municipality of South Vancouver thirteen new public-school divisions were opened during the year. The rapid increase in school population in that municipality is presenting a difficult problem in the way of school accommodation to Commissioner Gillespie and Secretary Blair. In this regard I wish to state that, in my opinion, an object-lesson has been taught to the country at large in the matter of efficiency and in the thoroughly live, businesslike, and withal fully sympathetic manner in which the work usually undertaken by a School Board of five to seven members has been conducted by the Commissioner and his Secretary.

The excellent showing made by the public schools of South Vancouver at the High School Entrance Examinations in June reflects the highest credit on the teaching staff of South Vancouver schools. In South Vancouver all Entrance candidates were obliged to write. Not only did several schools pass 100 per cent. of their candidates, but to Miss Sadie M. Boyles, a pupil of the McBride School, went the honour of leading the Province in this examination. *Res ipsa loquitur.*

Reports dealing in detail with the work of each school have been forwarded periodically to the Education Department. In previous reports various phases of the work have been commented upon. There is no need for repetition. The general weaknesses noted from time to time will no doubt continue until the majority of young teachers have had a broader training, both professional and non-professional, and until there is provision for more frequent and definite supervision and inspection.

The passing of the male teacher still continues to be the tragedy of the schools. And yet what is there under present conditions of living to induce any young, red-blooded man to stay by the rural schools? Solutions and suggestions have been offered up and down the land by educationalists, but apparently these are but as a voice crying in the wilderness. Now in our larger centres of population we are compelled to witness many of our most capable women leaving the profession to which they brought not only charm and grace of manner, but that character which inspired the youth of the land to attain to noble and lofty ideals. These women are entering other professional and commercial fields where value is given for value received, where remuneration is commensurate with labour and energy expended, and bears a reasonable ratio to the cost of living. The young man who would take up the teaching profession in this Province need have no fear of falling by the sin through which fell the angels. He can fling away ambition. He has no use for it. For without a parallel, I believe, in any other walk of life he will find that if ultimately he should receive appointment to what would naturally be considered the higher positions in educational work, he must be prepared to accept a decrease and not an increase in remuneration.

During the present month the eyes of all people interested in education have been turned towards Winnipeg. The meeting there of the National Educational Conference will truly mark an epoch in the national development of Canada.

It has been recognized that the great constructive force of the future must be education, and that through education, with the great spiritual ideal of service as our national goal, a great united Canadian nation can be evolved whose influence upon the world will be for good.

About the year 1912 the Boys' Work Committee of the National Council of the Young Men's Christian Association of Canada prepared a programme of religious education to promote the four-fold intellectual, physical, religious, and social development of Canadian boys. The State institution of education—the public school—takes cognizance of a one-fold development—viz., the intellectual. Even the intellectual programme as set forth by the various educational systems throughout Canada has been constantly subjected to criticism as being too narrow and not providing sufficient scope for technical education. Technical education must come and will come, but apparently it cannot come any faster than the sovereign people are prepared and willing to speed its coming, as witness the fate of the school by-laws in British Columbia's first industrial city—by-laws in which provision was made for the establishment of a technical school.

But, *O tempora! O mores!* I fear the true explanation of the defeat of the school by-laws lies not so much in the fact that the people of a great city are not alive to the advantages of the establishment in their midst of technical schools and institutes of technology, but rather does it lie in the fact that our education has failed to develop to the highest point in our citizens—disinterested public service—the idea of service for the world, the *unselfishness*, sacrifice, and service of Christian citizenship.

To develop Christian citizenship was the aim apparently of the Boys' Work Committee of the National Council of the Y.M.C.A. For such a purpose, I take it, has the great conference at Winnipeg been called, so that in the days to come a national ethical consciousness shall be evolved in Canada.

Recognizing the limitations and shortcomings of any system of education based upon the development of the intellect alone, the National Council of the Y.M.C.A. has drawn up an educational programme for 'teen-age boys known as the "Canadian Standard Efficiency Training" for boys. This programme follows the ideal of four-fold development along intellectual, physical, religious, and social lines, as suggested in St. Luke ii. 52: "And Jesus increased in wisdom and stature and in favour with God and man." The goal set before the older boys is that they may strive to develop their lives. "Till we all come . . . unto a perfect (i.e., fully developed) man unto the measure of the stature of the fulness of Christ."

Thus not only is the intellectual side of their training stressed by urging the boys to attend diligently to their ordinary school-work and showing them the value of such, but, either through churches or community clubs, providing a building where regular classes in gymnastics are held, and where the boy is trained to develop and to care for his body, having the truth impressed upon him that he who would destroy his body, him will God destroy. The religious or devotional part of the programme takes its place in a natural and logical way, as well as the social training where the boy is taught right relationship to his fellow-men. A similar course has been prepared for the girls, known as the "Canadian Girls in Training." If the National Conference sitting at Winnipeg can devise ways and means whereby the "Canadian Standard Efficiency Training" for boys and "Canadian Girls in Training" for girls now being carried on in community clubs and churches throughout the land to supplement the one-fold training provided by the State can be taken over by the State, the first duty of which is the education of the young, then truly the "New Era" has dawned, and the next generation of Canadians will have evolved a national ethical consciousness and a truly great nation will be builded.

The present prevailing unrest will have subsided, for neither Bolshevism nor profiteering can exist among a nation of fully developed people who have learned truly to deal kindly one with another—to be grateful to their Creator, loyal to their country, and fraternal to their fellow-men.

I have, etc.,

H. H. MACKENZIE,

Inspector of Schools.

INSPECTORATE No. 5.

VANCOUVER, B.C., October 31st, 1919.

Alexander Robinson, Esq.,
Superintendent of Education, Victoria, B.C.

SIR,—I beg to submit a report on school conditions throughout Inspectorate No. 5 for the school-year ending June 30th, 1919.

The inspectorate comprised the schools in the Cities of Chilliwack, New Westminster, and Port Coquitlam; the Municipalities of Delta, Surrey, Langley, Matsqui, Sumas, Chilliwack, and Coquitlam; the rural school at Abbotsford and the assisted schools at Cultus Lake, Essondale, and Popcum. In all there were 198 rooms for inspection.

During the year there were five additional rooms opened in New Westminster City, one in Chilliwack City, and one in Chilliwack Municipality. The school population has been steadily growing, particularly in the rural municipalities.

A condition worthy of note has arisen in the Municipality of Langley. Almost every school is filled to its limit, and the trustees are confronted with the problem of finding increased accommodation for children in nearly every section of the municipality. This has been a district favoured by the returned soldiers who wish to begin farm-life under the Dominion Government land-settlement scheme. The other municipalities are influenced by the same cause to a lesser extent. These men, many of whom were accustomed to school privileges in the larger cities, are very impatient with the backward educational facilities in the ungraded schools. They wish to give their children every advantage to secure a sane, well-rounded, practical education, and realize that it cannot be obtained in the one-room ungraded school. These settlers are a force that will have to be reckoned with in districts where penurious School Boards and taxpayers have held back the educational progress.

At the Entrance Examination, held throughout the inspectorate in June, the results in the municipalities show a fair advance over last year. In 1918 there were 151 candidates for admission to high school, out of which 98 were successful. In 1919 there were 163 candidates and 110 were granted certificates. The percentage of successful candidates is higher in 1919 by over 5 per cent. This is a gratifying increase when the handicaps for the year are considered. The Governor-General's medal for the highest mark in District No. 5 was awarded to Ida Stringer, of Lotbiniere School, in Chilliwack Municipality.

I am pleased to report this year a distinct improvement in the care for school buildings and grounds. The school trustees are taking more interest in the comfort and convenience of pupils and teacher; more attention is being paid to sanitary conveniences and a supply of pure drinking-water. The spread of the school-garden movement has resulted in schemes for school-ground decoration. Well-arranged flower-plots are found at nearly all schools, and at many flowering shrubs and shade-trees have been planted. Buildings are generally in very fair repair and painted in pleasing colours. The schools at Cloverdale, Langley Prairie, Belmont, Matsqui, and Rosedale are deserving of special mention.

The Schools Boards of the Lower Fraser have formed, during the year, an association for increasing the efficiency of the schools, as well as to bring about changes that will assist them in carrying out their duties. The convention held at New Westminster in June last was fairly representative and very enthusiastic. The problems confronting rural municipalities were discussed harmoniously and intelligently. The rural high school and consolidation were the principal subjects before the convention. The school trustees are alive to the weaknesses, loss of time, and low standard of education developed in the one-roomed schools. They are almost a unit for consolidation in the districts where physical conditions will permit. They realize that the change will cost more, but believe the increased efficiency will more than repay them in a better education for the rural boy and girl.

The school-work in the various schools in the inspectorate varies according to the ability of the teacher and the length of time she has remained in one school. The subjects on the Course of Study are receiving due attention and the results are generally good. The teacher is usually hard-working, earnest, and painstaking. The faults are due to inexperience, lack of organization, and sometimes to the want of careful preparation; but it is seldom that the backwardness of the classes is caused entirely by carelessness on the part of the teacher. Arithmetic and composition continue to be the subjects most poorly taught. Classes are too often assigned seat-work

in both subjects when their knowledge of the matter to be handled is not complete. The arithmetic is not made concrete and practical. The teacher is satisfied when the pupils can perform certain operations that are memorized and have no real meaning to the child. In composition too little attention is paid to the oral answer. If children are permitted, from the time they enter school, to convey information in words, phrases, and interminable sentences joined by "and," how can we expect them to use simple, clear, and orderly sentences in the reproduction of stories or in original compositions?

The success of our schools this year was greatly hampered by the necessary closing during the epidemic of influenza from October to February. They lost from six to twelve weeks of the school-year and were further handicapped by the consequent irregular attendance before closing and after reopening. By intensive methods and hard work the majority of the schools were enabled to cover the year's course, but the slow pupil suffered from the lack of individual instruction and has had to repeat the term's work. Too great praise cannot be tendered to the teachers of our Province, who, when volunteer nurses were required, left their homes and went into the hospitals to render what aid they could. They all risked their lives and many of them paid the great sacrifice. Their unselfish devotion to the call of duty cannot be too highly commended and reflects great credit on the teaching body as a whole. I do not know of any class or profession that responded in as large numbers as the teachers, both female and male.

The salary paid to teachers working in the Province continues to be a live question among members of the profession. In the larger cities, where the teachers may meet frequently and present their demands as a body, increases have been made, but in the municipalities and outlying districts there has been little change. The remuneration given to teachers has not advanced 10 per cent. since 1914, despite the fact that actual living expenses have increased, at the most conservative estimate, over 100 per cent. Men and women engaged in other lines of endeavour have secured financial recognition during the past four years and are obtaining wages commensurate with advancing prices. The teacher, perhaps because of his humility, has up to now refused to take any action to coerce School Boards and force them to pay an adequate salary. This has led many of our best men and women to leave the profession entirely and enter other lines where they are paid according to their ability to perform required work. It is a surprising thing to all thinking people that citizens entrust their most valued possession to be trained and prepared for life's work by public servants that are so miserably paid. To remain in their chosen profession they must rear their families in poverty and cannot hope to secure a competence for old age or ill-health. We cannot expect to secure community leaders and teachers of the highest standard until we are content to pay them in accordance with the service that they render to the State.

I wish to thank the members of the School Boards throughout the inspectorate for the kindly courtesy and co-operation extended to me during the year. It has been my good fortune to work with an earnest body of trustees, who were always willing to discuss changes for the betterment of the schools and make improvements where they could. They are women and men who are busy with their own affairs, but give their time and thought to school problems, although meeting with little support or approbation from the ordinary taxpayer.

I have, etc.,

JOHN MARTIN,

Inspector of Schools.

INSPECTORATE No. 6.

KAMLOOPS, B.C., October 15th, 1919.

Alexander Robinson, Esq.,
Superintendent of Education, Victoria, B.C.

SIR,—I have the honour to submit the following report on the public schools of Inspectorate No. 6 for the school-year ending June 30th, 1919:—

This district embraces the settled areas served by the main line of the Canadian Pacific Railway from Salmon Arm, on Shuswap Lake, to Harrison River, in the Lower Fraser Valley; the North Thompson Valley, and as far north as Lucerne, in the Yellowhead Pass; the country opened up by the main Cariboo Road and its branches as far north as 150-Mile House; the Nicola Valley and the country extending south for a distance of twenty-five miles.

There were in operation in this inspectorate during the past year eleven graded and ninety-nine ungraded schools, employing 140 teachers. Of these, the assisted schools at Magna Bay and Heffley Creek, Upper, were in operation this year for the first time. In addition to these assisted schools were authorized in the following districts: Anderson Creek, Red Lake, Adelphi, Paxton Valley, Raft River, Scotch Creek, North Bonaparte, Vinsulla, and Waleach. These new schools are expected to be in operation during the term beginning September, 1919. The following schools were closed throughout the year: Edith Lake, Ray Lake, Pavilion, Empire Valley, Big Bar, Pinantan, Barriere Valley, Barriere Power-house, Chase Creek, Lower. Of these, the last three named have been authorized to reopen in September. With the close of the war and the gradual return of the country to normal conditions, certain areas in this inspectorate, hitherto but sparsely settled, are beginning to undergo considerable development, and the work of organization has been greatly increased.

All the schools in this inspectorate, with the exception of six, were visited during the year, and in a number of cases a second visit was made. That all the schools were not visited twice during the year was mainly due to the large amount of special work that had to be attended to, as well as to the fact that I did not enter upon my duties as Inspector until late in the fall term. The outbreak of the influenza epidemic, with the consequent closing of a number of schools, many of them for a period of a month or more, seriously retarded the progress of the schools throughout the Province and was a detriment, as well, to the work of inspection.

In a large majority of the schools which I visited I confined myself especially to the work being done in reading, writing, and arithmetic, as I consider that the teaching of these fundamentals is the primary object of the establishment of our rural schools. There was evidence, in many cases, that the work in these subjects had been done with extreme care. In other instances, however, the pupils had not been trained in accuracy and neatness of work. In my judgment it should be the endeavour of the pupil to see that the note-books for the various subjects, such as spelling, composition, arithmetic, etc., are kept as neatly and accurately as a set of books in a business establishment. In a large number of schools the pupils were weak in practical arithmetic, and could not apply what they had learned in class and from text-books to the simplest problems of every-day life. In too many schools I found a tendency among pupils to think of school-life as something entirely apart from the common workaday world. No attempt, apparently, had been made to connect the work done in school with the daily round of common activities and experiences which the pupil meets with outside the school. It should be possible to make use of the child's experience of life, limited though it may be, to show him the utility of what he learns in school, and thus add interest to his work. The teaching of arithmetic and of nature-study readily lends itself to practical illustration from the child's own experience, and the correlation of such studies as literature, history, and geography will give a new interest to and a deeper insight into these subjects. As a rule I found the teachers were anxious to do well and were working hard to advance the interests of their pupils. At least 30 per cent. of the schools in this inspectorate were in charge of teachers without previous experience in the work of teaching. I endeavoured to make a second visit to such schools, and found in the majority of cases that the pupils had made good progress in their work. Nevertheless, the greatest difficulty in the way of advancement of the small rural and the assisted school is the frequent change of teachers. However, it is reasonable to expect that such conditions will prevail so long as there is a call for good teachers from the large graded and city schools. Consolidation, where this is feasible in country districts, would tend to hold the teacher from year to year in the same school; but this plan is slow of adoption by the ratepayers. I would urge school trustees, when engaging teachers who claim to have had experience in their work, to insist upon a recommendation from the School Board with whom these teachers were last employed, or upon a recommendation from an Inspector who has knowledge of their work. Academic qualifications should not be the only standard by which a teacher is judged. In a few districts I found the teacher's work hindered and made very difficult by a lack of co-operation on the part of Trustee Boards and ratepayers owing to factional dissensions in the district. In such schools the quality of the work was not high, and the ratepayers are not getting the value they should receive for the money expended for educational purposes.

In very few cases did I find the teacher hampered by a lack of school equipment. The ratepayers, as a rule, take a pride in their schools and do what they can to carry out suggestions for the improvement of their school buildings and for adding to the equipment. In the older

and more thickly settled districts the school property is being gradually improved. Playgrounds are being graded and fenced, school buildings repaired, and in several instances an attempt has been made to make the school-grounds attractive by planting trees and laying out school-gardens. In the City of Salmon Arm a new four-roomed school-house was completed and opened during the present year to replace the old building recently destroyed by fire. The new building is well planned and fitted with modern appliances for the comfort and convenience of teachers and pupils. When the school-grounds have been graded and improved in conformity with the plans agreed upon by the trustees, this school property will be one of the most attractive in the inspectorate.

High School Entrance Examinations were held at thirteen centres in this inspectorate in June last. The city and graded schools in general maintained their usual high standing in these examinations; the rural schools did not do quite so well as in previous years. The Governor-General's medal for the inspectorate was won by Miss Grace McCallum, of Agassiz Public School.

The instruction given in physical drill is gradually assuming an important place in rural as well as in city schools. Teachers are beginning to recognize that these exercises are an aid in maintaining discipline, and make for greater efficiency in the organization of classes and in carrying out the work in general. In the schools where physical drill is well conducted the pupils are more alert in their attitude towards class-work, neater in their manner of work, and the general health of the children is better than in schools where this subject has been neglected. The prizes awarded last year under the provisions of the Strathcona Trust were as follows:—

First—Yale Public School, Mr. Paul Whitely.

Second—Division 2, Merritt Public School, Miss Catherine Ritchie.

Third—Division 3, Kamloops Public School, Mr. W. E. Graham.

In closing, I wish to commend the action of the teachers in many of the schools in this inspectorate who gave their services as volunteer nurses and in other capacities during the recent epidemic of influenza. In the towns and rural districts and even on Indian reservations—in short, wherever there was the greatest need—the teachers ministered to the sick, and rendered efficient and unselfish service to those stricken with the disease.

I have, etc.,

A. F. Matthews,

Inspector of Schools.

INSPECTORATE No. 7.

Vernon, B.C., October 8th, 1919.

Alexander Robinson, Esq.,

Superintendent of Education, Victoria, B.C.

Sir,—I beg to submit the following report on the public schools of Inspectorate No. 7 for the school-year 1918-19:—

There were in all sixty-nine schools in operation in this inspectorate during the year, with a total staff of 129 teachers; of these, twenty-two were municipal schools with a staff of seventy-one teachers, the remaining forty-seven being rural or assisted schools and employing fifty-eight teachers. During the year assisted schools were opened at One-mile Creek, near Princeton; at Inglee, a short distance from Okanagan Falls; at Salmon Valley; and at Westbank Ferry, on Okanagan Lake. Increased attendance rendered necessary the addition of new divisions at Vernon, Kelowna, Summerland, Penticton, Keremeos, and Cawston. At Naramata a second teacher will probably be required, and at Woods Lake a new two-room school is to be built at an early date. At Vernon, Summerland, and Penticton existing accommodation is inadequate to meet the increasing demand, and the local authorities are faced with the necessity of making early additions to grounds and buildings. At Armstrong, under the recently adopted consolidation, a modern well-equipped school to meet the needs of city and adjoining municipality is in course of construction.

In most of these districts trustees and community are fully alive to the demands of modern education in regard to spacious, well-located, and suitable school-grounds, and are pursuing an enlightened policy in securing these advantages to the children. More attention is being given to manual-training and domestic-science rooms, laboratories, assembly-halls, libraries, and school-

gardens, either by including these in the new building schemes or by careful consideration of means whereby they may be added to the existing accommodation. Closely allied to this matter is the increasing interest in consolidation, as providing for rural districts the advantages already enjoyed by the urban school population; around Kelowna, as elsewhere, this matter is receiving earnest consideration from the local authorities. Reforms of this nature entail considerable expenditure of public money, and there is justifiable hesitation in discarding existing machinery and buildings.

A significant sign of progress has been the organization in this inspectorate of local federation of teachers and trustees, and the establishment of a joint committee for conference and for discussion of those matters in which whole-hearted and loyal co-operation is essential. In the Okanagan the various Trustee Boards are confronted by similar problems, which, though peculiar to that district, are often widely different from those encountered in other parts of the Province. Similar conditions suggest similarity of treatment and of organization; and the Okanagan, with its unique opportunity for economic and social development, should be characterized by educational administration and practice so enlightened as to exemplify the very best results possible in rural areas. Joint conferences of trustees and teachers might be arranged, and to these the general public should be welcomed; for if the teaching profession is to attain to the dignity and consideration which are its due, it is essential that the public sympathy be enlisted in the cause of education, and that the strong light of publicity be thrown upon all that concerns the work and administration of our schools.

As regards the instruction given, definite advance must be recorded, and this in the rural districts no less than in the larger graded schools which enjoy the advantage of a principal's supervision. There must inevitably be variations in the quality of the work, and in some districts the trustees could have secured better service had they exercised more care and made further inquiries before making appointments. In general, a high standard was reached considering the loss of time involved through closing the schools during the serious epidemic of sickness. The teachers are whole-hearted, assiduous, and self-sacrificing in their efforts; many of them responded to the call for public service in nursing, and the resumption of school studies found them and many of the children so impaired in health that a considerable period elapsed before conditions were normal.

In many schools work of a very satisfactory character was observed. Methods of dramatization are utilized; outdoor study in nature-work and geography are introduced; number-work, decorative art, and language-training are definitely associated with the practical problems and experiences of the children, the essential oneness of school and life thus being emphasized. Attention should be directed to the advantages of organized play and school games, for the teacher who, for purposes of moral training, relies exclusively upon class-room methods is at a serious disadvantage. Physical training received the usual amount of attention, and the district prizes for excellence were awarded as described elsewhere in the report of the Secretary to the Strathcona Trust.

That vacant principalships at Armstrong and Summerland have been filled by returned men is an omen of happy augury, for their influence in training our youth should be excellent. In this connection it may be pointed out that few Boards of Trustees in this inspectorate recognize the fact that the present scale of remuneration is too low to warrant any anticipation of retaining the services of really capable men and women; it is unfair to presume upon the spirit of service which animates the true teacher, and it is not too much to demand that responsible positions command as high a salary as that which can be attained by an equivalent amount of successful experience in other walks of life. At present this ideal is not even remotely approached, and during the past year several most promising teachers have been lost to the profession.

I have, etc.,

ARTHUR ANSTEY,

Inspector of Schools.

INSPECTORATE No. 8.

REVELSTOKE, B.C., October 25th, 1919.

Alexander Robinson, Esq.,
Superintendent of Education, Victoria, B.C.

SIR,—I beg to submit herewith the following report on the public schools of Inspectorate No. 8 for the school-year ending June 30th, 1919:—

During the year an assisted school was opened at Glacier, on the main line of the Canadian Pacific Railway, about forty miles east of Revelstoke, and another at Sproat, on the west bank of the Columbia River, a few miles north of Hall's Landing. Two additional divisions were opened in the new MacLean School at Rossland, a magnificent twelve-room structure of brick and concrete erected to replace the old Central School which was burned a couple of years ago, and a third division was opened in the school at Brilliant. The assisted schools at Christian Valley, Christina Lake, Myncaster, and Three Valley were not in operation at all during the year. The Grand Forks School and the Revelstoke Central School each had one division less than last year, and four divisions were closed out of the Cook Avenue School, Rossland, when a readjustment of pupils took place on the completion of the MacLean School. There were in all eighty-seven schools in operation in this inspectorate during the school-year, with a total staff of 144 teachers, a net decrease from last year of two schools and five teachers. Of these totals, ten were graded city schools with a staff of sixty teachers, two were graded rural schools with a staff of six teachers, two were graded assisted schools with a staff of five teachers, and the remaining seventy-three were ungraded rural or assisted schools.

The teachers maintained fairly well the standard of excellence noted in previous reports, although the closing of the schools for considerable periods owing to the prevalence of Spanish influenza interfered seriously with the progress of the pupils. In this connection a special tribute must be paid the teachers for the invaluable service rendered by them as volunteer nurses during the course of this dread malady. Many lives were undoubtedly saved by their unsparing efforts on behalf of the stricken victims.

Entrance Examinations were held at ten centres in June last, when 112 candidates presented themselves. Of these, sixty-two were successful, a percentage of 55.35. In addition, 114 pupils of the public schools in cities of the second class (Grand Forks, Revelstoke, Rossland, Trail) were admitted to high school without examination on the recommendation of the principals of their respective schools. The Governor-General's bronze medal for this district was won by Miss Annie Henderson, of the MacLean School, Rossland.

In the Trail City School District accommodation for four more classes was provided by the addition to the Central School of a substantially built brick wing. Reference has already been made to the new building at Rossland, one of the finest in the interior of the Province. A neat school building has also been completed to serve the Arrow Park, West, School District.

Manual-training classes have been started at both Rossland and Trail, and it is to be hoped that before very long other centres may be in a position to provide similar means of instruction.

I have, etc.,
A. E. MILLER,
Inspector of Schools.

INSPECTORATE No. 9.

NELSON, B.C., October 28th, 1919.

Alexander Robinson, Esq.,
Superintendent of Education, Victoria, B.C.

SIR,—I have the honour to submit the following report on the public schools of Inspectorate No. 9 for the school-year ending June 30th, 1919:—

This inspectorate embraces all the schools in the southern part of the Kootenay District, extending from the Columbia River to the Alberta boundary.

During the year there were eighty-two schools in operation, employing 153 teachers, fifty-eight of whom were in city schools, thirty-one in graded rural schools, and sixty-four in ungraded

rural or assisted schools. New schools were opened at Mayook and Kitchener, and new divisions added at New Denver, Silverton, and Kimberley. The schools at Meadowbrook and Loco remained closed throughout the year.

The work of the schools for the year was greatly retarded by the outbreak of the influenza epidemic about the middle of October. Many of the schools remained closed for the remainder of the term, so that practically the whole term's work was lost. The reduction made by the Department in the requirements for the High School Entrance Examination proved a great boon, and it is most gratifying to note that some of these changes are to remain for the coming year.

During Easter vacation the principals and teachers of the Kootenay District met at Nelson and organized a branch of the Federation of Teachers. The majority of teachers of this inspectorate are now members. The members of the executive have been careful to adopt a policy of harmony and co-operation with the Department and School Boards. If such a policy is pursued much good may result.

Owing to the ever-increasing cost of living, principals and teachers in the majority of schools have received an increase in salary. The Department granted an increase to all teachers in assisted schools at the beginning of the fiscal year, and Boards of city and rural schools have in many instances granted very substantial increases, and yet salaries are far from such as will induce the best men and women to join, and remain in, the teaching profession.

One is struck by the vast difference in the efficiency of our city and rural schools. The city schools are well organized under capable principals, assisted by a strong staff of experienced teachers. The results are most gratifying. This may also be said of some of the graded rural schools. Not so with the majority of the ungraded rural and assisted schools. This is due in large measure to the frequent change of teachers. In this inspectorate, when schools resumed on September 2nd, about 90 per cent. of the teachers in these ungraded schools were new to their appointments. Under such conditions even fair progress cannot be expected. The diversity of methods followed by teachers admitted from other Provinces or countries, together with this frequent change, adds not a little to the retardation of the pupils. The pioneers of our Province are deserving of the best. The one solution of this great rural problem, I believe, lies in consolidation. There are a number of districts in this inspectorate to which such a scheme would be adaptable, and the increase in the cost of operation would be small in comparison with the increase in efficiency.

The results in the Entrance Examination from the city and graded rural schools were very satisfactory, but those from the majority of the rural schools were somewhat disappointing. In the Cities of Cranbrook, Fernie, and Nelson the pupils were admitted to high school on recommendation of the principals. The very careful and conscientious manner in which the principals carried out their responsibilities in this regard is worthy of note. The Governor-General's bronze medal for this district was won by Donald Calvert, of Kaslo Public School.

The subject of writing appears to be receiving but little attention and the results are disappointing. In a number of schools very little supervision is given during the writing period. A few teachers have successfully introduced the "muscular-movement" system and are obtaining splendid results. Others are attempting it, but owing to a lack of knowledge regarding the system they are failing in their efforts. A course of writing at the summer school under the direction of an expert penman would, I believe, be taken advantage of by many teachers and prove of inestimable value.

The results in arithmetic are far from satisfactory. Seldom does one find a class thoroughly drilled in the four fundamental rules, the basis of all arithmetic. Many exercises in the prescribed text-book should be done mentally, yet one finds classes assigned the same exercises for written seat-work, and the pupils often spend the morning period on work from which they derive little or no value. A judicious selection of exercises on the blackboard should supplement the book. Teachers should be careful to teach the subject and not the book.

Prizes for excellence in physical training were this year awarded as follows:—

First prize—Cranbrook School, 1st Division, R. S. Shields.

Second prize—Nelson School, 10th Division, Miss C. E. Wallach.

Third prize—Canyon City School, Mrs. J. Hodnett.

Many of our young men are returning from the war. A number of them belong to the teaching profession, and it is pleasing to note that School Boards generally are giving these men the preference when it comes to a matter of appointments. These young heroes should

prove excellent teachers, in that the experiences gained abroad will bring to them a broader vision and will assist them in their work in the schools of developing their pupils to become better citizens.

In concluding, I wish to testify to the earnest and faithful work done by the majority of teachers and to the splendid service rendered by many Boards of Trustees in making provision for the carrying-on of the school-work.

I have, etc.,

F. G. Calvert,
Inspector of Schools.

INSPECTORATE No. 10.

Prince Rupert, B.C., October 12th, 1919.

Alexander Robinson, Esq.,
Superintendent of Education, Victoria, B.C.

Sir,—I beg to submit herewith my annual report in respect of the schools of Inspectorate No. 10 for the school-year ending June 30th, 1919:—

During the year under review development in Central British Columbia has been more extensive than in any previous year. Among the contributing factors have been the opening-up of new mineral properties; lumbering activities on the Coast, the Queen Charlotte Islands, and the Upper Fraser; agricultural settlement in the Nechako, Bulkley, Francois-Ootsa Lake, and Peace River Districts. Of these, the last-mentioned industry easily holds first place in importance, as the majority of the new settlers are farmers from the Prairie Provinces who are possessed of both capital and experience. A variety of statistics are available as to the extent of this development, but the truest indication is afforded by the number of new schools which have been organized. These have been in operation for the first time at Surf Inlet, Surf Inlet Mine, Buckley Bay, Sunnyside Cannery, Cedarvale, Rose Valley, Beaverly, Hartley, Hutton, Dome Creek, and Landry; additional divisions have been opened at Smithers, South Fort George, Ocean Falls, Granby Bay, Prince Rupert (two), and Prince George; the schools at Engen and Ootsa Lake were reopened, while those at Cariboo, Porcher Island, and Kitimat were closed. Schools have been authorized and will be in operation in the near future at Round Lake, North Bulkley, Francois Lake, South Francois Lake, Bickle, Alexander Manson (Ootsa Lake), Nithi River, Braeside, Lake District, Ellesby, Collishaw, Loos, Lee, Pouce Coupe, Swan Lake, Taylor's Flats, and Fort St. John. The total of schools in operation is as follows:—

	Schools.	Teachers.
City municipalities	2	26
Rural schools	9	19
Assisted schools	63	63
Totals	74	108

As in past years, but to a greater extent, my time has been taken up with matters of organization to the necessary neglect of class-room supervision. As a result thirteen schools were not visited at all, and of the remaining sixty-one only ten received a second visit. It is obvious that under such conditions a well-founded opinion can be offered in respect only of those schools which have been visited during the latter half of the year. In such schools I have usually found reasonably satisfactory results in the basic subjects of the curriculum, more especially in spelling and oral arithmetic; reading continues to be little more than word-recognition, while writing, though usually having a theoretical and sometimes a practical place on the time-table, is largely untaught. It has been a pleasure to find a distinct improvement in the ability of the average child to comprehend what it reads and what it hears.

Tribute must be paid to the excellent spirit displayed by the two city districts and by certain of the rural districts in respect of salary schedules. In addition to the fact that these are possibly the highest in the Province, the practice of recognizing several years' experience in previous schools is worthy of comment. Slight increases were given in April last to the teachers of assisted schools, but more substantial amounts are necessary if these salaries are to be maintained in a proper ratio to those in graded schools.

Reference was made in my last report to the excellent results accruing from the action of the 1918 Legislature in improving the system of collecting rural school taxes; a further amendment this year, by which all arrears are to be paid by the Treasury to the Boards of Trustees concerned, has adjusted several critical financial muddles and has enabled other districts to proceed with much-needed improvements.

I have, etc.,

A. R. LORD,

Inspector of Schools.

REPORT OF MUNICIPAL INSPECTORS.

VANCOUVER SCHOOLS.

Vancouver, B.C., October 8th, 1919.

Alexander Robinson, Esq.,
Superintendent of Education, Victoria, B.C.

Sir,—I beg to submit the following report on the public schools of Vancouver for the school-year ending June 30th, 1919:—

School Accommodation.

The difficulties experienced in the administration of the Vancouver schools for the past twelve months have been greater than in any previous year. With a rapidly increasing school population, an almost empty treasury as far as funds for capital expenditure was concerned, and a desire to keep abreast with the most progressive communities in the march of progress in educational work, the School Board has met with many discouragements.

All school money by-laws being defeated in January, 1918, the trustees, anticipating a large increase in both public- and high-school attendance in September, endeavoured to negotiate with the Point Grey Board for an interchange of high-school students, whereby vacant class-rooms in Point Grey might be utilized. These negotiations failing, the Vancouver Board at first decided not to receive students from Point Grey into their schools at the opening of the school-year. This was found, however, to be impracticable owing to the large number of students living in the adjoining municipality near our schools but far from their own. With the admission of such students our high-school classes, particularly those of the first year, were all too large in three of our high schools—namely, Britannia, King Edward, and Cecil Rhodes Commercial. The latter, organized as a separate school for the first time in September, 1918, had to be housed in six rooms of the Cecil Rhodes Public School; while the Kitsilano High School, with five classes formerly, had to be reduced to three and crowded into Henry Hudson Public School.

When schools opened in September, 1918, it was with an increased enrolment of 1,237 over the previous year; and, though temporary rooms had been improvised in attics, basements, offices, etc., in some instances a single room had to do double duty by accommodating two Junior classes, each two-thirds time. This method of handling Junior pupils we have found both expensive and ineffective. With school accommodation so manifestly unsatisfactory, the trustees confidently hoped the ratepayers would endorse money by-laws in January, 1919, making it possible to carry out a building programme that would meet the more urgent requirement for a year or two. In this they were disappointed. Of the $604,000 asked for only $60,000 was voted, this being a transfer of moneys voted for other purposes in 1913.

With this small amount of capital funds at its disposal, the Board, for the last half of the school-year, had to continue with reluctance its construction of temporary buildings, and even to resort to the charging of high-school fees to finance its high-school work.

Various theories are advanced for the failure of the school money by-laws to receive the endorsation of three-fifths of the voting ratepayers. Very few citizens, however, can be found to declare either that better school accommodation is not needed or that the citizens cannot afford to provide the same if they wish. The one outstanding fact is that repeatedly a few hundred property-owners by their votes have made it impossible for the Vancouver School Board to discharge one of its most important duties—"to provide sufficient school accommodation for all children in the district between six and sixteen years of age." This state of affairs calls loudly for a remedy. To attempt to administer satisfactorily a school system under such conditions is to attempt the impossible.

Teaching Staff.

The increase in school attendance and the expansion of school-work during the year has necessitated an increase in the teaching staff from 444 on June 30th, 1918, to 482 on June 30th, 1919.

The increases in the various staffs were as follows:—

Public schools						from 357	to 381
General classes	from	350	to	365			
Special classes	„	3	„	10			
School for the Deaf	„	3	„	5			
School for the Blind	„	1	„	1			
High schools						from 56	to 63
General Course	from	42	to	43			
Commercial Course	„	9	„	11			
Boys' Technical Course	„	4	„	7			
Girls' Technical Course	„	1	„	2			
Manual training						from 16	to 20
Domestic science						„ 11	„ 12
Special instructors						„ 4	„ 6
						444	to 482

SPECIAL CLASSES.

After a full year's experience with retarded pupils in special classes of from twelve to fifteen pupils each, it is evident we are working along proper lines for such pupils, while making conditions better for teachers to properly instruct classes of normal children. To ensure that this work be extended for more children of public-school age and to provide for their future education when of high-school age will mean a considerably increased expenditure; but the money will be well spent if these children become an economic asset instead of an economic liability in the community. It was very gratifying to be assured by Drs. C. K. Clarke and C. M. Hincks, members of the Canadian National Committee for Mental Hygiene, who were making a survey for the Dominion Government in this Province last June, that in this work Vancouver is leading all Canada.

SCHOOL ORGANIZATION.

With the rapid increase of school-work and its expansion in various directions, important changes were found necessary during the year. Mr. W. K. Beech, appointed Director of Night-schools in August, 1918, relieved me of practically all responsibility for night-school work; while Mr. T. A. Brough, appointed Inspector of Schools at the beginning of the year, devoted most of his time to class-room inspection. The work in two of the public schools, Dawson and Lord Roberts, with staffs of twenty-six and twenty-five respectively, became too heavy for the principals to properly administer when teaching full time. The men were consequently relieved from teaching duties in April and thereafter devoted their time to supervisory and administrative work in their schools, following a programme approved by your Department. Under this arrangement there should be little or no need for much outside inspection and supervision, and these two schools should rank high in general efficiency.

INNOVATIONS.

Two innovations introduced during the year call for a passing comment. For the first time in the history of our schools we have operated with a day of uniform length throughout the year, and it has met with universal approval. There is no desire to return to the old order. For the months of May and June the noon intermission was lengthened to one hour and fifteen minutes, and schools were closed at 3.15 p.m. This change did not meet with universal approval. Consequently a plebiscite is to be taken on it in the near future after a fair trial has been given to the lengthened noon intermission.

REORGANIZATION OF STAFF.

After the close of the war our teachers began returning from overseas. We were fortunate in being able to place all who came from time to time throughout the year without retiring any of those on the staff or asking any to revert. The number returning in time to begin work in September, 1919, however, was so large that four principals, who had given very good service in war-times, were reverted to the rank of vice-principals to make room for principals who had served overseas. Similar reversions were also found necessary among vice-principals. In fixing the salaries of returning men each was given the same credit for his years of military service

as he would have been given for the same number of years spent in the class-room. This treatment of the returning teachers was much appreciated by them and met with the universal approval of all others.

INFLUENZA EPIDEMIC.

The work of the year was greatly broken by the spread of influenza in the autumn and winter months. On October 18th our schools were closed, and they were not reopened till December 2nd; thirty-one teaching-days were thus lost. There was by no means unanimity of opinion as to the wisdom of closing the schools as a preventive measure. The fact that the plague spread more rapidly during the Christmas holidays than for the first fifteen days of December when schools were in session caused even some of those who had advocated closing to doubt the advisability of so doing. Much time was lost after schools were reopened. Large numbers of both teachers and pupils were too ill to attend school, and many pupils not ill were kept at home to avoid contagion.

The number of deaths attributable to influenza was comparatively small among the school-children; but the disease made a greater inroad on our teaching staff than did the war during four years. In the deaths of Mr. Ross F. Coldwell, B.Sc., Principal of Livingstone School; Mr. Isadore M. Mullin, Vice-Principal of Dawson School, on leave; Misses Ruth B. Luno, Pearl Alberta Green, and Alice Ross Rines, all of Nelson School; and Miss Gladys I. Ward, of Livingstone School, the Vancouver School Board lost six faithful and efficient teachers.

MEDICAL INSPECTION.

The work of medical inspection was ably attended to throughout the year. In Dr. Robert Wightman, who was appointed School Medical Officer on September 1st, 1919, the School Board secured a very capable man as successor to Dr. F. W. Brydone-Jack, who had resigned. To cope with the increasing work two additional nurses were appointed early in the school-year. The staff now includes the Chief Medical Officer, who devotes his entire time to the work, two lady Assistant Medical Officers on half-time, and seven nurses on full time. The services of these officials were much appreciated in the schools when in operation and were invaluable in the King Edward School, the emergency hospital, during the influenza epidemic.

DENTAL WORK.

An important addition was made to the dental staff during the year by the appointment of a fifth dentist, who gives five half-days' services per week in prophylactic work. As a result of the educational propaganda of school nurses for a number of years and the efforts of our dentists in the interests of school hygiene, the general health of our boys and girls has been exceptionally good.

SALARIES.

At the beginning of the present calendar year a very substantial increase was made in all salaries. Much of this, however, was in the form of a bonus addition, varying from $170 a year to the minimum salary of $780 to $100 a year to a salary of $1,200 or more. These bonus additions were given temporarily in anticipation of a reduction in the cost of living. Should such a reduction not occur these bonuses will likely become permanent.

SCHOOL AND HOME GARDENING.

At the opening of the school-year the question of carrying on school and home gardening the following season was taken up with our principals by Mr. J. W. Gibson, Director of Elementary Agricultural Education. He offered to give our teachers a short course of lectures on school and home gardening during the winter, and a committee of principals was appointed to make the necessary arrangements for the course. All the necessary plans were made and Mr. Gibson provided instruction for many of our teachers. This would have stood them in good stead had our Board been able to provide the necessary funds to carry on school and home gardening in time to ensure success. As it was, it was not till May that the City Council agreed to sanction any expenditure for gardening purposes—too late for satisfactory work to be done.

It seems to me that, unless teachers and pupils can be assured in early winter of reasonable financial support from their School Boards, we may as well not hope for the carrying-on of gardening in any form, much as we realize its importance as an aid to profitable nature-study.

MANUAL TRAINING AND DOMESTIC SCIENCE.

The work in both these departments during the year now under review has not been entirely to my liking. Since 1916 it had received very little supervision; but for the first two years we were fortunate in retaining on both staffs experienced teachers. During the past year there have been several changes in both staffs, and the need of closer supervision has been felt, especially for new members not familiar with our plan of work.

PARENT-TEACHER ASSOCIATIONS.

The number of parent-teacher associations in the city increased last year from eight to twelve. Many of these organizations have done good work in making the schools brighter places for children by providing music, art, and good literature. All have helped in securing greater co-operation between home and school and more sympathetic relations between parents and teachers in their common task of training children. With proper leadership these associations cannot but be of great value in school-work.

GENERAL SCHOOL ACTIVITIES.

Beside the activities specifically referred to above, music, physical drill, organized school sports, attendance-officer work, night-school work, cadet-work, and rifle shooting were carefully attended to. The first public orchestra in Vancouver, with nine members, organized in the Strathcona School early in the year, has been a source of pleasure not only in its own but in other schools where it has been asked to play. A number of schools have purchased pianos, which are a great stimulus to school music. To encourage such purchases the Board pays the last $50 in cases where teachers and pupils buy an instrument for their school.

The general class-room work throughout the year was carefully done despite many unavoidable interruptions.

I have, etc.,
J. S. GORDON,
Municipal Inspector of Schools.

VICTORIA SCHOOLS.

VICTORIA, B.C., October 31st, 1919.

Alexander Robinson, Esq.,
Superintendent of Education, Victoria, B.C.

SIR,—I have the honour to make the following report on the condition and progress of the Victoria City schools for the year 1918-19:—

ATTENDANCE.

The school attendance from the beginning of October, 1918, to the end of October, 1919, is shown in the following table:—

1918.	Attendance.	Divisions.
October	5,269	153 (part month).
November	....	153
December	4,571	153 (part month).
1919.		
January	2,868	153 (Sr. and Int. only.)
February	5,420	155 (1 extra, Sir J. Douglas. 1 „ Spring Ridge.)
March	5,524	155
April	5,576	157 (1 „ M. Jenkins. 1 „ Oaklands.)
May	5,463	159 (1 „ „ 1 „ North Ward.)
June	5,292	159
September	5,850	164 (1 „ Rock Bay. 2 „ High. 2 „ George Jay.)
October	5,873	164

From the above figures it will be seen that the enrolment in October, 1919, is greater than the enrolment in October, 1918, by 604. Owing, however, to the outbreak of an epidemic of influenza, which began about the end of September of last year, it may be fairer to state that the present enrolment exceeds the highest enrolment in any month of last year by 464.

On October 8th, 1918, all the schools of this city were closed, and remained closed till December 2nd, when they were reopened, to be closed again on the 9th of that month. The High School resumed work on January 6th, 1919; but the attendance at that school was much lower in that month than it was in the preceding September, and continued to fall till, in June, the registers showed that 147 pupils had left the school during the school-year.

The Entrance classes of the graded schools resumed work on January 13th, on which date the other Senior and Intermediate classes went to their respective schools each day and had home-work assigned to them. All schools were operating as from February 1st, 1919.

INFLUENZA EPIDEMIC.

The figures in the table referred to are sufficient evidence of the loss of attendance sustained by the Victoria City schools owing to the influenza epidemic. But they do not fully indicate the serious set-back to the studies of the pupils inflicted by that calamity. While the actual loss of time was practically two months and a half in the school-year, the health of many of the pupils was seriously affected by their previous illness, and considerable time elapsed after their return to school before they were able to throw their normal energy into their work. This was particularly noticeable in the case of the High School pupils, the result of whose examinations at Easter showed that much ground had been lost from the above-mentioned causes.

TEACHER-NURSES.

The scourge of influenza fell on this city so suddenly and attacked such a large proportion of the citizens that the problem of providing nurses for the numerous patients became so acute that Dr. Price, City Health Officer, issued an appeal to the women of Victoria, asking for volunteers to assist as nurses the local medical men in their efforts to cope with the serious situation. In answer to that appeal a large proportion of the women teachers of our schools joined other women of the city in placing their services at the disposal of Dr. Price, thereby voluntarily undertaking exceedingly tiresome, dangerous, and sometimes even revolting duties in their anxiety to alleviate the sufferings of the men and women attacked by the disease. Unfortunately, the women nurses recruited from our staff were not themselves immune from infection, and many of them became seriously ill, and one died in consequence of heroic devotion to duty. Too much credit cannot be given to those splendid women who, without compulsion other than that of their own sympathetic hearts, placed themselves in the front line of battle against such a dangerous foe as influenza proved to be. Miss Beulah Westwood, of the George Jay School, who succumbed to the disease, may be said to have "died in action." I had the privilege of knowing her from her childhood, and, in common with her other numerous friends, I mourn for her as a conscientious and successful teacher, a loyal friend, and a true Christian woman.

The following is a quotation from a letter from Dr. Price to me in this connection: "I wish to express my appreciation of the help which the lady teachers of the Victoria public schools voluntarily and untiringly gave in nursing during the influenza epidemic last winter both in the hospital and in the homes. They made good nurses, and to them, together with the other ladies who volunteered to help in the emergency, many patients owe their lives, and by them the reputation of Victoria was upheld as being the city in Canada with the lowest influenza mortality; for careful nursing in influenza is nine-tenths of the treatment . . ."

HIGH SCHOOL.

The following table shows the attendance at the High School for each month of the year ended October 31st, 1919:—

1918.	Attendance.	1919.	Attendance.
October	752	March	675
November	...	April	663
December	712	May	639
1919.		June	605
January	689	September	826
February	685	October	831

I have already alluded to the effects of the influenza epidemic on the work of the schools generally, and of the High School in particular. But I think I ought to say that, in spite of very adverse conditions, the results of the Departmental and University Examinations at the end of last term were quite satisfactory. In comparing the results of each of the last seven years, it will be found that the percentage of passes this year has only been exceeded twice.

SCHOOL ACTIVITIES.

In previous reports I have drawn attention to the fact that the teachers on the Victoria City staff do not confine themselves to class-room work, but endeavour in other ways to promote the mental and physical welfare of their pupils.

The following report on the activities of the High School, furnished to me by Principal Smith, shows the interest in and attention to the students of that institution by the members of its staff. Although the names of certain teachers who take the lead in the activities mentioned by Mr. Smith are given in his report, I am assured that all the other instructors willingly give their assistance to the principal in matters outside of those contained in the curriculum that affect the general education of the school.

"With regard to your request for information *re* school activities, I may say that the closing of the school owing to the influenza epidemic naturally interfered to some extent with these activities, but a certain amount of successful work was carried through. The Patriotic Society, under the presidency of Miss Cann, carried on its work, and the beautiful memorial to those who fell, written by Oswyn Boulton and designed by Mr. Clarke, bears witness to their interest in those who gave their life for the great cause. The Girls' and Boys' Debating Societies, under Miss Henry and Mr. Cornett respectively, did good work, and as Vancouver did not challenge for the Sears Cup last term, we presume it is now the property of the school. Good work was done in athletics under the able guidance of Mr. Harry Smith and Mr. Cook. I am pleased to be able to report that the High School Cadet Corps acquitted itself with marked success this year, winning first place in the Province and the trophy presented by the Municipal Chapter of the I.O.D.E. Further, it secured first place in the Province for miniature-range shooting, and a large number of cadets were successful in securing gold, silver, and bronze marksman badges from the Dominion Rifle Association. The corps also competed in the N.R.A. competition, but the results of the contest are not yet to hand. I cannot speak too highly of the excellent work done by Lieutenant Hutchison, to whose untiring effort the efficiency of the corps is due."

The same excellent spirit is shown by the teachers of the lower schools. Very few of them now consider that their duties are confined to the class-room. The Public Schools Athletic Association arranges time-tables of sports which practically cover the whole year. Football, basketball, hockey, and athletic sports are encouraged and promoted in all the schools by teachers who train the boys and girls of their respective schools in those activities, and who supervise them not only in their own playgrounds, but also at inter-school matches, which are often held on Saturdays. This entails much work on the teachers—work which is, of course, given out of the regular school-hours.

SCHOOL-GARDENS.

Some of the schools have school-gardens, in which, during the spring and summer months, the scholars are busy during recesses and after school. As an example of the results obtained in the cultivation of a small lot, 210 x 70 feet, the following figures showing the quantities of vegetables, etc., produced at the Oaklands School this year, furnished me by Principal MacInnes, may be of interest:—

"The results obtained in this garden this year were equally as successful as last year, notwithstanding the drawbacks of a late season and a continual struggle against pests, as the following figures will show: Carrots, 2,650 lb.; beets, 2,100 lb.; mangles, 1,100 lb.; potatoes, 470 lb.; parsnips, 500 lb.; onions, 870 lb.; beans, 400 lb.; tomatoes, 1,200 lb.; total, 9,240 lb.

"In addition, there were small plots of corn, cucumbers, sugar-pumpkins, squash, marrow, and citrons. In the flower-borders there were over forty varieties of plants.

"An exhibit from this school-garden was forwarded to the Westminster Exhibition, and in competition with the Mainland gardens was successful in securing second prize."

TECHNICAL EDUCATION.

For some time the matter of providing technical education for Victoria has occupied the attention of the Board of School Trustees, and I do not doubt that a technical school would have been inaugurated here before this time if the finances of the city had permitted them to incur the necessary expenditure. I am happy, however, to report that steps have now been taken towards that end. Equipment consisting of band-saw, rip- and cross-cut saw, and 12-inch jointer has been purchased, the necessary buildings are ready, and provision will be placed on the 1920 estimates for other expenses required in connection with technical work. The City Council have expressed their sympathy with this movement, and lately sent a deputation to the Board to promise the latter body their support in the matter. Next year will therefore see the much-needed extension of the educational system of Victoria along technical lines, and young men and women who have no inclination towards purely academical work will then have the advantage of instruction in the more practical side of education, so that they will be enabled to leave school equipped with knowledge and skill by the possession of which they will be in a position to engage in occupations which will not only provide them with lucrative means of livelihood, but which will enable them to compete on even terms with skilled workmen in other parts of the Dominion.

OPEN-AIR SCHOOLS.

In all cities of any size there is a considerable percentage of children of school age who are anæmic, undernourished, or whose general appearance indicates lack of resistance to disease; children exposed to tuberculous infection in their own homes or who themselves show signs of infection. For such children fresh air and sunshine are absolutely necessary to enable them to combat the germs of disease latent in their systems. It is therefore considered inadvisable to place such physically debilitated children in the ordinary class-room, however well it may be ventilated artificially. In order that they may spend as much time as possible in the open air—which is recognized as the best cure for such cases—open-air schools or open-window rooms are recommended.

Our school nurse, Miss Grimmer, has collected the names of a number of physically debilitated children at present attending the Victoria schools, and has suggested that open-air schools should be provided for their treatment. This suggestion is in line with similar recommendations that have been made from time to time by Captain St. Clair, physical director of the Victoria public schools, and also by Dr. Young, Provincial Board of Health, in a circular letter which he sent out some time ago.

In view of the vital importance of this matter to many of the children attending our schools, it seems to me that humanity demands that open-air schools, which in other places have been proved to be very beneficial, should be inaugurated in Victoria with the least possible delay.

DENTAL CLINIC.

This year the Board of School Trustees placed a sum of money on the estimates for the establishment of a dental clinic in Victoria, and, later, were taking steps towards its establishment by making arrangements for fitting up a room for the purpose, purchasing instruments, appointing a dentist, etc., when it was pointed out to them that the "School Act" does not permit them to spend public money for that purpose. The project had therefore to be temporarily abandoned. But I understand that it is the intention of the Board to ask for an amendment to the Act, whereby they may be enabled to carry out their very laudable intention.

SALARIES.

At last the much-vexed question of teachers' salaries has been settled. At a joint meeting of school trustees and teachers a schedule was drawn up, binding on both parties; and it can be changed only after six months' notice of the intention of asking for its amendment has been given by either of the parties interested.

COST OF EDUCATION IN VICTORIA.

The total cost of education to the City of Victoria in 1918 was $276,962.26, of which $194,986.30 was in payment of teachers' salaries. The contribution of the Government towards the above expenditure was $94,674.12. The cost per pupil on average attendance was, in the High School, $89.68; in the graded schools, $43.94.

NEW BUILDINGS.

To provide accommodation for the rapidly increasing school population in the Oaklands and Sir James Douglas School Districts, two four-roomed wooden buildings are in the course of being erected at the approximate cost of $10,000 each. The new building at the Sir James Douglas School will free for its original purpose the domestic-science building, which has hitherto been used to accommodate two divisions of the school. It will therefore now be possible to open a domestic-science centre at the Sir James Douglas School and a manual-training centre at the Margaret Jenkins School.

RETURNED SOLDIERS.

Teachers.—All our teachers who went overseas during the Great War and who desired reinstatement have received positions on the staff, all equal and in most cases superior to their former places. Other returned men also who before the war taught elsewhere than in Victoria have been appointed to the staff. Altogether, ten returned men—officers—have obtained positions, five in the High School, two as principals of large schools, and three as first assistants.

Students.—Classes have been opened in the High and the Night Schools for soldiers who were desirous of resuming their studies interrupted by the war. They are, as might be expected, a fine class of men, diligent in work, and exemplary in behaviour. In fact, their conduct in every respect is worthy of the high reputation they gained during the war, both for themselves and for the Dominion of Canada.

I have, etc.,

EDWARD B. PAUL,

Municipal Inspector of Schools.

PROVINCIAL NORMAL SCHOOLS.

VANCOUVER PROVINCIAL NORMAL SCHOOL.

VANCOUVER, B.C., September 8th, 1919.

Alexander Robinson, Esq.,
Superintendent of Education, Victoria, B.C.

SIR,—I beg to submit the accompanying report of the work of the Vancouver Provincial Normal School for the school-year ending June, 1919:—

At the commencement of the session in September there were enrolled 222 students, namely: Preliminary, 180; advanced, 42. At the session in January there were enrolled 209 students, namely: Preliminary, 34; advanced, 175.

These figures are a sufficient proof of the present uneconomical plan of holding both Preliminary and Advanced Courses concurrently, as evidently the time of one teacher is being necessarily used at a disadvantage. If a notification were given this year that there would be only one yearly class—commencing September, 1920—the prospective students would have ample time to arrange for their attendance without any hardship being incurred.

The courses and arrangement of work by the respective teachers were the same as in the previous year, there having been no change in our staff.

Owing to the epidemic of influenza in 1918 our classes were dismissed for five weeks, thus making a great hindrance in the work. Part of this time has been made up, but the results of the epidemic could not be as easily overcome. During this period of stress many of our students assisted as volunteers in the various hospitals; others were themselves ill; and two of our best students, to our great regret, passed away after only a few days' illness.

All these causes led to much general nervous depression, not at all conducive to the best mental work; for this reason great allowances had to be made to the students of the Preliminary classes, many of whom were permitted to prove their ability in the class-room later on in the session, as they were physically unable to do so earlier.

In addition, several of our teachers in the Model Schools were affected by the epidemic, and consequently special arrangements had to be made and further time granted. In spite of these unavoidable changes much good work has been accomplished by all, both in the theoretical and the practical sides of the art of teaching.

Classes in "First Aid" have been held, and Red Cross work carried on as long as was required.

Several concerts and lectures in connection with the Literary Society have been given by the students. Under the direction of Miss Coney the play "Martha" was excellently presented by them.

Classes in Physical Drill have been conducted, and diplomas for this branch have been granted by the Militia Department.

The Librarian of the University, Mr. John Ridington, gave us the benefit of his experience in a course of six lectures on "Library Work"; for these our thanks are due to him.

I must again give our thanks to the principals and teachers of our two Model Schools for their kindness and assistance in every respect.

I have, etc.,

WILLIAM BURNS,
Principal.

VICTORIA PROVINCIAL NORMAL SCHOOL.

VICTORIA, B.C., October 31st, 1919.

Alexander Robinson, Esq.,
Superintendent of Education, Victoria, B.C.

SIR,—I have the honour to submit the following report of the work done in the Provincial Normal School at Victoria during the school-year ending June 30th, 1919:—

The enrolment for the fall session, which began September 3rd, 1918, was 131 students. One hundred and seventeen of these took the Preliminary Course and fourteen the Advanced Course. This enrolment was an increase of more than 25 per cent. on the enrolment of the previous year. This session proved to be, however, the most unfortunate since the establishment of the school. The work was just well begun when on October 8th the school was closed by medical authority because of the epidemic of influenza. From this date to the end of the session the work of the students in the Preliminary Course was very much interrupted. Permission was given to continue the work of the Advanced class with much less loss of time, and on the close of the session on December 20th we were able to award a diploma to each member of that class.

It was decided, however, by the Department of Education to continue the work of the Preliminary class till February 7th, 1919, before awarding any diplomas. We reopened on January 6th, 1919. On February 7th 110 of these Preliminary students were granted diplomas. Six had not completed the session, and it is with regret that I have to report that one, Miss Mary Bell, of Armstrong, died of influenza. The classes were then reorganized. Some students had entered for the first time on January 6th. Thus after February 7th we had 117 taking the Advanced Course and thirteen the Preliminary Course, making a total enrolment of 130 students. The session was continued without the usual holiday of one week at Easter until May 30th. During this time three of the Advanced class discontinued attending. At the completion of the session eight of the same class failed to qualify, and 106 were awarded diplomas. Each of the thirteen in the Preliminary class received a diploma.

The apportionment of work for the year was as follows: The Principal—Psychology, history of education, class management and school law, English literature, English grammar, arithmetic, language, physical drill, and all management, accounting, and secretarial work of the school. Mr. V. L. Denton—History, geography, reading, and physical drill. Mr. Harry Dunnell—Drawing, writing, manual arts, manual training (woodwork), nature-study, school-gardening, and physical drill. Miss Lexa Denne—Cookery, home-nursing, sewing, hygiene, and first aid to the injured. Miss Ida Morris—Music. It is obvious that such a burden of work could not be borne indefinitely. No further comment on this is necessary.

It is with pleasure that I report on the good service rendered by Miss Kate Scanlan, Principal of the Model School; Mr. J. M. Campbell, Principal of the North Ward School; and Miss A. M. Paterson, Principal of the Bank Street School, and their staffs, in connection with the practical teaching of the teachers-in-training. The excellent work done by Miss Scanlan in the Model School was again confirmed by the winning of His Excellency the Governor-General's bronze medal by one of her pupils, E. Patricia Robinson, at the High School Entrance Examination in June, 1919.

In concluding this report, I wish to express my appreciation of the considerate and generous action taken by the Provincial Government in paying the travelling expenses of students attending the Normal Schools from outside points twice during the year, once at the completion of each session, instead of only once for the year, in consideration of the extra expenditure incurred by these students because of the epidemic of influenza.

I have, etc.,

D. L. MACLAURIN,
Principal.

ELEMENTARY AGRICULTURAL EDUCATION.

REPORT OF THE DIRECTOR.

VICTORIA, B.C., December 31st, 1919.

S. J. Willis, Esq.,
Superintendent of Education, Victoria, B.C.

SIR,—I have the honour to submit the following report dealing with elementary agricultural education in the Province of British Columbia for the year ending December 31st, 1919:—

RURAL EDUCATION.

Interest in rural education is steadily growing. The country-life movement, which for many years has barely managed to keep alive and which has always been more or less confined to a discussion of theories growing out of the publication of statistics relative to our rural population, now seems to be gathering force. This revival of interest in rural affairs is widespread in Canada and the United States, and is manifesting itself generally in improved methods of production, better business management, and a desire on the part of the farming population for greater participation in the affairs of the country at large. With this rural awakening there is bound to come a greater appreciation of the value of education, and consequently dissatisfaction with the old form of rural school organization—the ungraded country school. Already in certain parts of the Province the movement towards improvement in education through reorganization and consolidation of school districts is well under way. On Vancouver Island the Municipalities of Duncan and North Cowichan have been united for school purposes and have got off to a very good start. Four of the one-roomed schools of North Cowichan—those nearest to the City of Duncan—were closed, and the pupils are being transported in vans to the central school at Duncan. The consolidation of the Municipality of Spallumcheen with the City of Armstrong for school purposes has also been effected, and steps have been taken to erect a new school at Armstrong to accommodate all of the children attending school from both city and municipality. More recently the question has come up for discussion at Chilliwack, and there seems to be a growing sentiment throughout the city and the adjoining municipality in favour of a complete reorganization of their local system. In several other districts the same problem is being faced and is receiving serious consideration. "Better education under improved conditions" seems to be the main thought in the minds of people everywhere who think along educational lines or who manifest any sign of interest in the future welfare of the country.

This reorganization of rural schools will undoubtedly result in improved instruction in all branches, but it will be particularly advantageous in connection with the teaching of elementary agriculture, manual training, and domestic science. Under the new system it will be possible to have such up-to-date equipment and such improved conditions for teaching these special subjects as are obviously impossible under the old system of small, ungraded schools. With the enlarging of the unit of organization for rural consolidated schools and the added facilities for better teaching, will also come an ever-enlarging field of usefulness for the school itself. Courses of instruction will be improved and brought more into harmony with the best life and interests of rural people, the people themselves will find new avenues of educational and social interest opening up for them, and these will all centre around their most important institution—the school. A resolution which was passed at the 1918 annual meeting of the New Brunswick Farmers' and Dairymen's Association goes to show that the question of a more modern type of rural education is in demand in the East as well as in the West. The resolution reads as follows:—

"Whereas a big majority of the children attending the public schools of this Province are sons and daughters of farmers:

"And whereas the instruction being given in said schools is very largely of an abstract character and tends to make said children in favour of professional occupations, which further tends to increase the population of the towns and cities:

"And whereas, if the curriculums of said schools of this Province were to contain some more concrete form of education regarding agricultural matters, it would tend to increase the desires of said children toward agricultural pursuits and also to increase the population of the farms:

"Therefore, be it *Resolved*, That the Farmers' and Dairymen's Association of New Brunswick is of the opinion that a larger measure of instruction in said public schools about local conditions and activities in the country relative to agricultural pursuits is desirable, and that the efforts of the pupils, particularly in rural districts, should be directed in a greater degree by the teacher through practical methods of training, so as to cause the children to acquire a clearer, stronger, and more intelligent interest in the greatest of all industries in the Province."

Commenting on this resolution, the *Rural Education Monthly*, of New Brunswick, concludes its very excellent article on "Farmers and Education" in the following words:—

"When the farmers of this country unite and get down to business and study at the problems that underlie their occupation and affect their progress, they will figure out that all-round education is the big requirement; that health and physical energy, the practical and the moral, along with the intellectual, are included; that children within the four walls of a school-room for thirty hours a week cannot qualify there for the varied activities of practical living. Then, too, they will study financial problems dealing with efficiency and equity, and, being united, they will lay their needs before democracy assembled and confidently abide the issue. The strength and persistence of a country lies in its rural life and the strength and persistence of rural life lies in education."

Outside of Canada the same great rural educational problem exists. The Commissioner of Education for the United States, for example, in a recent message to the people of North Dakota, said:—

"The improvement of the rural schools is your most important problem of statesmanship. Their year should be as long and their teachers as well prepared as those of the cities. Their courses of study should be adjusted to the needs of rural life. The Normal Schools of the State should make it their chief business to prepare for the country schools men and women of greatest ability as teachers and community leaders. Salaries of country teachers should be sufficient to obtain and hold the services of the best."

These extracts fairly reflect the trend of thought to-day, and also indicate to some extent the lines of advance. It takes a national calamity to make people think. Our people are thinking and, happily, are beginning to act. It is a matter of great moment that in their thinking and planning the development of improved educational facilities occupies an undisputed place. All factions and forces are on the side of the child. Our hope still rests with the young and rising generation.

COURSES OF STUDY.

During the year a revision of the Course of Study for both public and high schools has been accomplished. An entirely new Course in Nature Study and Elementary Agriculture has been prepared and is being tried out, and the outline of work in agriculture for high schools has been slightly altered. The committee entrusted with the preparation of the Course in Nature Study hopes to prepare more detailed instructions for the teachers' use, and will also make a further revision and possibly a better arrangement of the topics assigned. Teachers generally seem to be taking a new interest in the subject, which, it must be admitted, is one which presents considerable difficulty to teachers who have not had special training in it. In this connection it may be added that we purpose giving special attention to the topics assigned in nature-study in connection with our next Summer Course in Rural Science.

SCHOOL AND HOME GARDENS.

In spite of the fact that the gardening season of 1919 was one of the driest in the history of the Province, we had some unusually good gardens. In cases where facilities for watering gardens were provided, there was but little difficulty in keeping the gardens in fair condition when the water was carefully and systematically applied. By far the best system of watering gardens is what is known as the "overhead" or Skinner system. This can be operated successfully where a fair pressure is available. The cost of installing this system is not very great, and the results in efficient irrigation, economy of water, and of labour as well, are very much better than can be obtained by any other method. It is also worthy of note that some very creditable gardens were operated without the use of artificial watering. This was accomplished by good fertilizing and careful cultivation; in other words, by the practice of dry-farming methods in the conservation of soil-moisture. This was best exemplified in some of the gardens in Saanich.

Kelowna School-garden, 1919. Teachers, James Gordon, Claire Caldwell, Muriel Page, and Annie M. Hunter. District Supervisor, W. J. Austin, B.S.A.

School-garden, Royal Oak, Saanich, 1919. Teachers, Miss Jean Reid and Miss Mildred Beattie.

School-garden, West Saanich, 1919. Teachers, Miss M. C. Bissett and Miss J. E. Anderson.

There is still a good deal of misconception amongst the people generally as to the main purposes of school-gardening. From year to year we have tried to point out that the school-garden is an educational device—a valuable adjunct to the teacher's equipment, for the developing of skill and self-control in the pupils in the planning and handling of manual problems, in the pursuit of purposeful activity, and in giving to them new interests and new opportunities for establishing the best standards of morality and good citizenship. Writing of her experiences in establishing the first school-garden in New York City, Mrs. Henry Parsons made the following statement, which fairly illustrates the point of view already expressed:—

"I did not start a school-garden to grow a few vegetables and flowers. The garden was used as a means to show how willing and anxious children are to work, and to teach them in their work some necessary civic virtues; private care of public property, economy, honesty, application, concentration, self-government, civic pride, justice, the dignity of labour, and the love of nature by opening to their minds the little we know of her mysteries, more wonderful than any fairy-tale."

The fact that children may become good amateur gardeners is but an important incidental in school-gardening. The mental stimulus and the moral uplift are more important considerations, especially in junior classes. The excellence of the crops produced and the money value which they represent are important only in so far as they represent the consummation of a purpose or ideal entertained by the pupil. "What did it cost to run that school-garden?" and "What did you 'make' out of it?" are questions which may yet be heard occasionally. Such questions simply reflect the regrettable misconception of the chief purpose of school-gardening which still exists in some measure throughout the country.

One of the main considerations just now is, "How do the teachers of the Province look upon school-gardening?" No doubt there are many teachers who have not yet come to understand or appreciate the values and purposes of school-gardening, but it is gratifying to know that there are a good many who do. The following statements, gleaned from teachers' reports of their rural-science work, certainly suggest the right attitude of mind as well as successful management of that branch of their work:—

From P. H. Sheffield, Principal, Chilliwack Public School:—

"At the beginning of the 1919 garden season the two Entrance classes of our school undertook to raise money for a lantern and slides for regular school use. The space at our disposal was 58 feet long and 44 feet wide, besides a narrow strip 4 x 68 feet.

"We devoted the strip to an experimental plot for testing of eleven varieties of potatoes. The seed, brought by the pupils from their homes, consisted of the following varieties: Jersey Royal, Wee McGregor, Gold Coin, Burbank's Seedling, Beauty of Hebron, Dakota Red, Early St. George, Scotch Champion, Arran Chief, American Wonder, and Peach Blow. Besides learning the effect of fertilization and sprays on the yield, we were able to classify them as early and late varieties. In the autumn the best tubers were selected for seed, and the remainder—200 lb.—was sold.

"The larger plot was devoted to beans, carrots, onions, beets, parsnips, tomatoes, cucumbers, etc., planted in long rows, each pupil being responsible for one or more rows, with co-operative responsibility for paths. In planting our flowers and vegetables we added some varieties with a view to having them for our school fair on September 24th. For instance, wheat, parsley, carrot-tops, pumpkins, squash, burning-bush, etc., have a great value as garnishers for exhibits, besides their educational value.

"Our marketing scheme was perhaps unique. Each pupil wrote on a sheet, with printed letter-head, a letter addressed to: 'Mr. Progressive Grocer, at Some Town, Alberta,' calling his attention to the cucumbers and green tomatoes we could sell in season and quoting prices for the various articles named. The letters, mailed in June, were signed: 'Chilliwack Public School, Garden Dept., Per A. Student.'

"Replies were on hand when school opened in September, enclosing money-orders. Then began the interesting work of harvesting and selecting vegetables, making crates, packing, addressing, and shipping the produce—all done by the pupils. The exercises in weights, measures, Canadian money, making of bills, shipping bills, and bank statements were much more real and vivid when we were working with tangible things. I consider the effect of this work in composition, arithmetic, and geography, was just as important as the nature-study part of it.

"In September, too, the work of selecting the most perfect exhibits for the school fair was done by the pupils themselves.

"The arrangement of backgrounds and colour schemes by pupils for school fairs was just as conducive to art appreciation as the contemplation of 'red-breasted blackbirds on sunlit lawns.' Many of our drawing periods in these classes were used in learning to draw objects taken from our school-gardens—say, a carrot for a cone or an onion for a sphere.

"Finally, our pupils, from a total space for all departments of 90 x 152 feet, produced vegetables enough to net them over $100. They won the trophy at the local fair, helped other Chilliwack schools to win the Provincial shield at New Westminster, purchased their lantern, and had a bank balance of $95.84."

From Miss Kathleen McNeely, Principal, Public School, Bridgeport:—

"At the Bridgeport School the Entrance class had home-gardens and other agricultural projects, the other divisions taking gardens at the school. The home-gardens were inspected three times—June, July, and September—and prizes awarded, $4 being allowed by the School Board for each division. It was decided to let all pupils who had done well in their garden-work to put in an exhibit at the school fair. There was also a local school exhibit consisting of the best produce from individual and community plots.

"On the second Friday in October the school fair was held at Bridgeport, Mr. Laing, Chairman of the School Board, and Mr. Porter acting as judges. It turned out a very stormy day, but in addition to the 300 pupils who attended more than fifty of the parents were present.

"Mr. Laing first addressed the children, explaining the value of agricultural education and the country's need for greater production, and urging still greater activity along these lines. He complimented the children on their fine showing, and said that their exhibits compared favourably with other school exhibits which he had seen and where various schools were represented. He hoped that the Richmond Schools would compete at outside fairs next year.

"Mr. Porter then explained to the children how he and Mr. Laing had decided which groups of vegetables were deserving of prizes. He also complimented them on their exhibits, mentioning particularly the pumpkins.

"The total amount required for prizes for the nine divisions taking part was $86. In purchasing the prizes for the Bridgeport School (which prizes consisted of books) I obtained a discount of 10 per cent. The School Garden Club has also raised some money from the sale of vegetables, and we are putting some of this with the discount for the purpose of purchasing some books for the school library. These books will be chosen from the lists suggested in the new Nature Study Course. Everything done in connection with these gardens has been done with the approval of the trustees."

From W. T. Fennell, Principal, Herbert Spencer School, New Westminster:—

"In school-gardening we use the large-plot system in which are included separate rows for individual pupils. This seems to give excellent results. In lieu of the individual garden-beds we allot children to rows, so that we secure an approach to individual work.

"This past season was excessively dry, but the garden stood the heat well, and the weather conditions really made little difference to the crops, except in the case of potatoes, which were poorer both in quantity and in quality than in the preceding year, and also in the squash, which were almost a failure. Outstandingly good crops were tomatoes, citrons, cucumbers, kale, beet, and cabbage. Our grain-plot was also very successful, giving us good specimens of wheat, oats, barley, rye, buckwheat, millet, vetch, and flax.

"A school exhibit was called for at the Provincial Exhibition and this school was successful in obtaining first prize in the class in which it was entered.

"We purpose laying out the new part of the garden, which was in potatoes this year, as a flower-garden, to which all of the lower grades may have access for observation lessons in nature-study and from which all classes may secure specimens for nature drawing. The garden should then be a real help to the school—materially as well as educationally.

"Our school now possesses a very good lantern which will show both slides and opaque pictures. We are anxious to get a good range of pictures small enough for use in the lantern. Birds, animals, and interesting nature-studies would provide excellent complementary lessons if shown by means of the lantern. In view of the changed conditions I am endeavouring to have as many lessons as possible treated observationally, experimentally, or graphically."

From Clemence Bertrand, Blue River, B.C.:—

"I was told when I took over the school in February that the soil was so poor that nothing could grow in it and that it would be a waste of time to try to make a garden here. The ground being under several feet of snow at the time, I had no chance of judging for myself till late in March, when I managed to obtain a little of the sandy soil to send away for examination and advice. The trustees declined to have anything to do with the school-garden, but there was a flat piece of stumpy ground in front of the school which I thought I would try to beautify by myself, as recreation out of school-hours. My friends at the Coast sent me growing plants and I bought some seeds. The children became so interested in what I was doing that they wanted to help, so I began by having them draw a plan of a small garden for themselves, and when they heard of the beautiful gardens the children at the Coast have they thought they would like to try, too. So, out of school-hours, we got to work. We borrowed a railway hand-cart and went miles up and down the track gathering sacks full of manure and black mould to mix into our poor land. Two children helped me for about a month carting this soil and manure—some from old construction camps—often going deep into water to get it. Sometimes we would get the men in charge of stock-cars going through here to throw off some manure for us.

"I offered a prize for the best plot at the end of June. A returned soldier who seems to know a great deal about plants and botany was the judge, so there was keen competition. The section foreman had six window-boxes put up for us. The plants that were given for these were not very good, and I had to buy others when I got to Victoria. These seem to be fine healthy plants and are doing very well.

"During the holidays the returned soldier took care of the garden, overlooking the children, and it was far beyond my expectations when I returned. One dahlia which I left in a tub has never had less than twenty-three large white blooms since I came back.

"Besides the plot in the front of the school, they have had experimental plots of potatoes, beans, beets, etc., on the opposite side of the path. Some lupin-seeds have been promised them this fall, and they are at present gathering their own seeds to experiment with home-grown *versus* imported seeds next year if I am here.

"As the frost has already ruined their gardens, geraniums, asters, etc., have been potted to be cared for in the winter. Some wild-flower seeds have also been gathered for sowing in the garden next year.

"Considering that the pupils had for tools one rake that I bought them and two railway-shovels, I do not think they have done badly for a first attempt!"

From Miss E. C. Braden, North Pouce Coupe, B.C.:—

"As the school-grounds were not in a suitable condition for gardens, a piece 40 feet square was fenced off directly behind the school on the farm my family have rented. This plot of ground the children and I thoroughly worked up and seeded.

"Each child had a flower-plot and a vegetable-plot 9 x 9 feet, with a further space marked off at each end for a few hills of potatoes. Eight children—all that were present at the time—took up the work and we planted the following varieties: Flowers: Pansy, mignonette, candy-tuft, poppies, nasturtium, and sweet peas. Vegetables: Lettuce, carrots, beets, parsnip, cabbage, and potatoes.

"We used the garden tools that belong to my home, but just as soon as we can find some way of getting them in, school-garden accessories will be secured from Grande Prairie and kept as part of the school equipment.

"Apart from the preliminary work of laying out the gardens, planting, etc., we have spent on the average two half-hours weekly. Most of this time was taken at noon, as the children all stay for lunch. In addition to this, we devoted two half-hours per week to the prescribed course in nature-study and elementary agriculture.

"On the whole, I can report a fairly successful year in gardening. Taking into consideration the fact that the land was new, the yield was satisfactory as regards the vegetables, while the flower-gardens were really beautiful and yielded numerous bouquets, both for the school and different homes in the vicinity.

"We grew a sack of potatoes, another sack of mixed vegetables—carrots, parsnips, and beets—about twelve head of good cabbage, and a quantity of lettuce which was gathered and used from time to time throughout the summer.

"The cut-worm was our greatest worry, as it was in other parts of the country, and the field-mouse did considerable damage to the young plants in the spring.

and new ideals in the hearts and minds of these young people.

"We did intend to exhibit some of our garden products in the fair this year, but for some reason or other the fair was held about the first of August and consequently none of the vegetables were matured enough to exhibit.

"The children are all greatly interested in this work, and it is my intention to go further along with the gardens the coming spring if possible. For this reason we would greatly appreciate as large a grant as possible in order that we might fence in our own school-garden and procure garden tools. My family have now moved and the new tenant of the farm may not be willing to let us have our garden there.

"In addition to this, I have awarded small prizes for both vegetables and flowers."

From R. H. MacInnes, Oakland School, Victoria:—

"During the holidays the garden was kept in excellent condition. Nothing was removed from it until the end of September, thus giving all crops a chance to mature.

"During the year several experiments were carried out successfully, one being the transplanting of Golden Bantam corn from Gordon Head. Of thirty-six plants secured at random only two failed to mature. The cobs from these plants were all well formed.

"The yield from the garden this year included 456 lb. of potatoes, 2,800 lb. of carrots, 1,150 lb. of mangels, 600 lb. beans, 500 lb. of parsnip, 900 lb. of onions, 1,400 lb. of tomatoes, and over a ton of beets. This was easily disposed of and a sum of over $100 realized.

"Correlated work in all other subjects was carried on where the same could be practically accomplished in the garden.

"During the year 166 pupils took garden-work in this school, and it is owing to the interest displayed by them that this garden has been a success. An exhibit was sent to the New Westminster Fair from this school and was successful in winning second place."

As an example of what can be accomplished even in a small rural school where the teacher remains in charge for a period of years, and where he maintains a well-founded interest in agricultural nature-studies, the following may be cited: Mr. Henry Bayley, teacher in Lulu School, on Lulu Island, in a recent report said:—

"I beg to state that this year, besides having the results of our school-gardening staged for several days at our own school, we also sent them to the school fair held at the Bridgeport School on Friday, October 10th. We sent between thirty and forty exhibits, each of which was clearly labelled, and were awarded second prize. Our exhibit included the following: (1.) Selection of fruits from school-garden and preparation of seed—tomato-seed (two exhibits) and potato-seed (one exhibit). (2.) Seeds grown from selected roots of previous season, including turnip, onion, beet, parsley, parsnip. (3.) Specimens of cereals after three years' selection—barley, oats, wheat, and three varieties of beans. (4.) Various fruits of cucumber and squash selected for seed. (5.) Four plates of seedling potatoees of three and four years' cultivation. (6.) Usual vegetables grown in school and home gardens. (7.) Results of an experiment in the fixing of a black sport obtained from Sutton's Giant White runner bean. The label attached was as follows: 'Results of interesting experiment in fixing of a black sport from Sutton's white-seeded runner bean: 1914, sport originated in teacher's garden; 1915, 15 per cent. came black (teacher's garden); 1916, 27 per cent. came black (teacher's garden); 1917, 45 per cent. came black (school-garden); 1918, 76 per cent. came black (school-garden); 1919, 100 per cent. came black (grown by Albert Abercrombie in school-garden). N.B.—In teacher's garden in 1919 95¾ per cent. came black.' (8.) Two sweet-pea pods which had been obtained by a scholar (Robert Baker) after a lesson during the summer holidays in cross-fertilizing these blooms. Names of varieties crossed were given."

In former reports reference has been made to Mr. Bayley's work in school-gardening, which has always leaned towards the experimental side. Mr. Bayley loves plants and also loves his work with boys and girls, whom he has evidently succeeded in interesting along such delightful lines of experimentation. Every plant that is grown in his school-garden appears to hold an intrinsic interest for teacher and pupil alike. Mere bigness of production, which so impresses the majority of people in Canada, has with Mr. Bayley and his class given place to a much finer and more subtle interest—viz., the love of the beautiful and the investigation of the wonderful in nature. It is impossible to estimate the far-reaching results in the future lives and characters of these boys and girls of these most intimate studies in the growth and behaviour of plants. Such work is not only creative in the matter of new varieties of plants, some of which may some day become of great value to the world, but, what is more important, is creative of new purposes

SCHOOL-GARDENS IN BRITISH COLUMBIA.

Following is a list of the school-gardens in British Columbia for the year 1919, as reported to the Department:—

School.	Div. No.	No. of Pupils.	Teacher.
Cities.			
Chilliwack Central	Div. I.	30	P. H. Sheffield.
"	" II.	47	M. Williams.
"	" III.	42	M. E. Jackson.
"	" IV.	28	E. H. Brannich.
"	" V.	33	Mary Johnston.
"	" VI.	28	Ethel M. Cawley.
"	" VII.	24	R. E. Agar.
Cranbrook Central	Div. I.	30	Roy S. Shields.
"	" V.	46	M. L. Cartwright.
"	" II.	40	Amy Woodland.
"	" III.	37	M. K. Mutrie.
"	" IV.	51	Sybil D. White.
Grand Forks Central	Div. I.	23	Hugh A. Glaspell.
"	" II.	35	Eunice Sewell.
"	" III.	42	Helen McEwen.
"	" IV.	43	S. E. McLaughlin.
"	" V.	40	Bertha O'Brien.
Kelowna Central	Div. I.	35	James Gordon.
"	" II.	36	Claire Caldwell.
"	" III.	37	Muriel Page.
"	" IV.	38	Annie M. Hunter.
Merritt Central	Div. I.	29	L. E. Morrissey.
"	" II.	39	Catherine Ritchie.
"	" III.	37	C. M. Batten.
"	" IV.	41	Lilian Estey.
New Westminster—			
F. W. Howay	Div. I.	40	Lawrence Lambert.
"	" II.	30	Mary Gladwell.
"	" III.	26	Beatrice Beddie.
"	" IV.	22	Florence Eichoff.
"	" V.	35	Laura Lane.
"	" VI.	31	B. M. Bournes.
"	" VII.	32	V. M. Fisher.
"	" XII.	32	E. B. Newby.
Lord Kelvin	Div. I.	32	Jessie F. Rowan.
Lord Lister	Div. II.	21	Reita S. Gilley.
"	" III.	34	A. L. Larnder.
"	" IV.	34	A. Mildred Mercer.
"	" V.	35	C. M. Rennie.
Richard McBride	Div. I.	25	Gilbert S. Summers.
"	" II.	40	Edna E. Knight.
"	" III.	50	Margaret B. McLean.
Queensborough	Div. I.	34	Phyllis Dockerill.
"	" II.	30	Genevieve L. Flynn.
John Robson	Div. II.	33	G. S. Ford.
"	" IV.	27	Myrtle E. Mack.
Herbert Spencer	Div. I.	33	W. T. Fennell.
"	" II.	40	Wm. T. Plaxton.
"	" III.	39	Helen P. Davidson.
"	" IV.	37	Ruth M. Gregg.
"	" IX.	32	F. R. Murphy.
Port Coquitlam—			
James Park	Div. I.	35	Emma M. Cox.
Revelstoke—			
Selkirk	Div. I.	26	Ivor Bassett.
"	" II.	26	Gladays Urquhart.
"	" III.	40	Jean H. Loudon.
"	" IV.	42	Irma S. Street.
"	" V.	38	G. M. Penzer.

SCHOOL-GARDENS IN BRITISH COLUMBIA—*Continued.*

School.	Div. No.	No. of Pupils.	Teacher.
Cities—Concluded.			
Vancouver—			
Fairview	Div. III.	36	Madge P. Sinclair.
Mount Pleasant	Div. II.	45	Jean Templer.
Tennyson	Div. VI.	32	L. J. Brunton.
"	" V.	47	Sarah Davis.
Vernon Central	Div. III.	31	Wm. C. Wilson.
"	" IV.	35	E. I. Pentland.
"	" VI.	36	B. Seaton.
"	" V.	37	W. L. Seaton.
Victoria—			
Burnside	Div. I.	32	Ernest Butterworth.
"	" II.	39	Jean Polson.
George Jay	Div. I.	32	Harry Charlesworth.
"	" II.	34	Lena Harris.
Kingston Street	Div. II.	40	Olivia G. Cameron.
"	" V.	40	E. G. Lawson.
Oaklands	Div. I.	34	R. H. MacInnes.
"	" II.	30	G. L. Dixon.
"	" III.	41	Anna E. Hendry.
"	" IV.	38	Nina Brynjolfson.
Municipalities.			
Burnaby—			
Barnet	Div. I.	9	A. J. McKenna.
Gilmour Avenue	Div. I.	44	Stanley J. Griffiths.
"	" II.	40	Margaret M. Scott.
Hamilton Road	Div. I.	25	Violet E. Wiltshire.
Howard Avenue	Div. I.	19	Percy Pullinger.
Inman Avenue	Div. I.	39	Edith F. Crake.
"	" II.	31	Janet E. Grey.
Kingsway East	Div. I.	39	Jessie M. McKenzie.
"	" II.	36	Grace J. May.
Nelson Avenue	Div. I.	31	D. H. H. Lowther.
Riverway East	Div. I.	20	Edward I. Cantell.
Schou Street	Div. I.	27	M. E. Brundrett.
Chilliwack—			
Atchelitz	Div. I.	36	F. M. Whitworth.
"	" II.	24	Ivy Davis.
Camp Slough	Div. I.	25	Grace Gervan.
"	" II.	11	E. M. Hutchison.
Cheam	Div. I.	30	A. M. Rogers.
"	" II.	8	G. A. Clarkson.
East Chilliwack	Div. I.	22	H. H. Boucher.
"	" II.	11	Clara Johnston.
Fairfield Island	Div. I.	37	Lena M. Nowlan.
Lotbiniere	Div. I.	28	Grace B. Brett.
"	" II.	14	Alice H. Taylor.
Parson's Hill	Div. I.	9	V. Monkhouse.
Promontory	Div. I.	12	Marion Sleightholm.
Rosedale	Div. I.	21	M. H. Rae.
"	" II.	34	D. A. Leary.
"	" III.	31	F. C. Mercer.
Sardis	Div. I.	23	Wm. Robertson.
"	" II.	38	M. A. Macdonald.
"	" III.	42	Roberta Watson.
Strathcona	Div. I.	26	C. M. Bailey.
"	" II.	15	Ellen O'Hearn.
Sumas	Div. I.	9	Phyllis G. Bowman.
Yarrow	Div. I.	10	Hilda B. Manuel.
Coquitlam—			
Millside	Div. I.	13	Ellen E. Bournes.
Cowichan, North—			
Crofton	Div. I.	27	Marjorie Bonsall.
Somenos Station	Div. I.	18	Irma Creeden.
Quamichan	Div. I.	10	Mabel Millington.

SCHOOL-GARDENS IN BRITISH COLUMBIA—*Continued.*

School.	Div. No.	No. of Pupils.	Teacher.
Municipalities—Continued.			
Delta—			
Ladner	Div. IV.	37	May Martin.
„	„ V.	29	Dora L. Cook.
„	„ II.	27	Jean M. Hutchison.
Langley—			
Aldergrove	Div. I.	24	Nellie Green.
„	„ II.	30	Marjorie McInnes.
Langley Fort	Div. I.	28	J. D. Forrester.
„	„ II.	25	Myrtle L. Traves.
Langley Prairie	Div. I.	35	H. F. Gilley.
„	„ II.	21	Annie E. Smith.
Milner	Div. I.	27	Constance Wright.
„	„ II.	37	Marion Blacklock.
Murrayville	Div. I.	45	F. L. Whitworth.
Patricia	Div. I.	32	G. F. Madden.
Springbrook	Div. I.	30	Aurelia O. Mufford.
West Langley	Div. I.	12	Jessie A. Crawford.
Maple Ridge—			
Whonnock	Div. I.	19	E. C. Traunweiser.
„	„ II.	22	R. V. Hector.
Matsqui—			
Matsqui Central	Div. I.	21	Ancilla Stewart.
Ridgedale	Div. I.	22	M. Olive Carter.
„	„ II.	16	Lucy E. Owen.
Mission—			
Hatzic	Div. I.	26	Jean T. Creelman.
„	„ II.	18	Alberta M. Verchere.
Mission City	Div. I.	39	D. M. Moore.
„	„ II.	38	Zella K. Topper.
„	„ III.	42	Caroline E. Murray.
„	„ IV.	33	Edith A. Catherwood.
Oak Bay—			
Monterey Avenue	Div. I.	29	G. F. Dexter.
„	„ II.	35	Isabel Cathcart.
„	„ III.	29	Marie E. Bailey.
Point Grey—			
Kerrisdale	Div. I.	23	Ethel B. Park.
„	„ II.	40	H. E. Patterson.
„	„ III.	33	Mary V. Clinie.
„	„ IV.	33	Hazel M. Smith.
„	„ V.	12	Constance Anderson.
Richmond—			
Bridgeport	Div. II.	33	Helena Estabrooks.
„	„ III.	29	Pearl L. MacKay.
„	„ IV.	26	Edna Smith.
„	„ V.	36	Margaret Hodge.
„	„ VII.	30	Rachel Laing.
Lulu	Div. I.	14	Henry Bayley.
Mitchell	Div. I.	44	M. E. Elder.
Steveston	Div. I.	55	Mary J. Crawford.
„	„ II.	52	L. M. Marshall.
Saanich—			
Cedar Hill	Div. I.	57	Nellie Jones.
„	„ II.	29	Elsie Creeden.
„	„ III.	17	Jessie V. Bruskey.
Craigflower	Div. I.	26	Marguerite Ozard.
„	„ II.	43	L. Jean Sangster.
„	„ III.	18	Florence Perry.
Gordon Head	Div. I.	20	Christina E. Williams.
„	„ II.	19	Edith A. Stewart.
Keating	Div. I.	25	Annetta C. Wright.
„	„ II.	36	E. M. Armstrong.
Mackenzie Avenue	Div. I.	23	J. O. Welch.
„	„ II.	33	M. P. Kinnaird.
„	„ III.	39	Mary MacKinnon.

SCHOOL-GARDENS IN BRITISH COLUMBIA—*Continued.*

School.	Div. No.	No. of Pupils.	Teacher.
Municipalities—Concluded.			
North Dairy	Div. I.	16	Nadine Berton.
„	„ II.	25	K. Offerhaus.
„	„ III.	13	Jean Dunnett.
Prospect Lake	Div. I.	24	Madeline V. Bradshaw.
Royal Oak	Div. I.	29	Jean Reid.
„	„ II.	28	Mildred Beattie.
Saanichton	Div. I.	17	Agnes Sjolander.
„	„ II.	20	E. Cora Shaw.
Strawberry Vale	Div. I.	29	Edna R. Sparling.
„	„ II.	18	J. D. Brydon.
Tolmie	Div. I.	30	J. O'Neill.
„	„ II.	25	E. M. Beane.
„	„ III.	18	M. E. Logan.
„	„ IV.	33	M. G. Service.
„	„ V.	43	Annie C. Main.
„	„ VI.	40	V. A. Harman.
West Saanich	Div. I.	24	M. C. Bissett.
„	„ II.	32	J. E. Anderson.
Spallumcheen—			
Hullcar	Div. I.	18	M. M. S. Taylor.
Knob Hill	Div. I.	18	Lura Inglis.
Larkin	Div. I.	17	Edna G. Corson.
Pleasant Valley	Div. I.	22	Adelaide Graham.
Sumas—			
Kilgard	Div. I.	20	Florence E. Lawrence.
Straiton	Div. I.	16	Edith Cook.
Surrey—			
Anniedale	Div. I.	19	Aurelia Robinson.
Clayton	Div. I.	22	Margaret A. Mann.
Cloverdale	Div. I.	17	Bessie Gibson.
„	„ II.	42	Jeanie Peebles.
Crescent	Div. I.	13	Grace E. Hardacre.
Hall's Prairie	Div. I.	34	Jennie Lewis.
„	„ II.	26	Marion E. Philip.
Kensington Prairie	Div. I.	20	Wm. M. Keatley.
Mud Bay	Div. I.	9	Muriel K. Graham.
Newton	Div. I.	22	Jennie S. Bryson.
Strawberry Hill	Div. I.	21	Eileen W. Gregory.
South Westminster	Div. I.	23	Eva M. Ray.
White Rock	Div. I.	36	A. L. Thompson.
„	„ II.	36	Lucy E. M. Collier.
South Vancouver—			
Carleton	Div. I.	31	John A. Clarke.
„	„ II.	36	Lucy E. Hindle.
„	„ III.	34	Nellie Hadfield.
Mackenzie	Div. I.	37	S. J. Clarke.
„	„ II.	40	J. O. MacLean.
„	„ III.	36	F. R. Milne.
McBride	Div. II.	35	G. R. Montgomery.
„	„ III.	43	Mabel E. Smith.
„	„ IV.	45	Robt. Johnson.
Norquay	Div. I.	32	J. A. Hamilton.
„	„ II.	38	Grace W. Miller.
Rural and Assisted.			
Arrowhead	Div. I.	19	Alma E. Foy.
Ashton Creek	Div. I.	6	Caroline Paradis.
Barnston Island	Div. I.	19	Henrietta Whistler.
Bella Coola (Hazenborg)	Div. I.	26	W. A. M. Sykes.
Bench	Div. I.	11	Mary M. Buss.
Big Eddy	Div. I.	23	Cecelia Harper.
Blue River	Div. I.	7	Clemence Bertrand.
Box Lake	Div. I.	22	Ida Wyrill.
Brisco	Div. I.	13	Edgar F. Clarke.

School-garden, Prospect Lake, Saanich, 1919. Teacher, Miss M. V. Bradshaw.

School-garden, Gordon Head, Saanich. Teachers, Miss C. E. Williams, and Miss E. A. Stewart.

School-garden, Keating, Saanich, 1919. Teachers, Mrs. A. C. Wright and Miss E. H. Armstrong.

Rural Science class in school-gardening, Victoria Summer School, 1919. Instructor, Mr. H. B. McLean.

The Gillis Bay School and grounds, 1918, when Mr. H. A. Eckardt took charge. A pretty rough proposition.

" Where there's a will there's a way." Removing barriers on the Gillis Bay School-grounds.

Gillis Bay School-garden, 40 x 60 feet. Cleared, fenced, and planted by Mr. Eckardt and his pupils—a notable conquest.

At the School Fair, Surrey Municipality, 1919.

Some of the girls of the Agricultural class, Enderby High School, 1919.

High School Agricultural Class, Enderby, B.C., 1919.

SCHOOL-GARDENS IN BRITISH COLUMBIA—*Concluded.*

School.	Div. No.	No. of Pupils.	Teacher.
Rural and Assisted—Concluded.			
Chu Chua	Div. I.	12	S. A. Ryan.
Comox	Div. I.	23	Lilian Hood.
„	„ II.	21	M. B. Burrell.
Cortes Island	Div. I.	14	A. Griffiths.
Cowichan	Div. I.	26	Geo. Bowyer.
Enderby, North	Div. I.	13	Emily R. Cary.
Erie	Div. I.	8	Guy Algernon Johnson.
Fort George	Div. I.	29	L. Clinton Johnston.
„	„ II.	33	Marion R. Wade.
French Creek	Div. I.	20	Grace Adam.
Hume (Nelson)	Div. I.	24	G. E. Sparkes.
Ioco	Div. I.	26	Maude E. Kneeshaw.
Lazo	Div. I.	16	Edith T. Smith.
Marshall	Div. I.	10	David Hoyle.
Masset	Div. I.	9	B. Hutchison.
Nakusp	Div. I.	16	T. J. Barron.
„	„ II.	19	S. A. Cox.
Nob Hill	Div. I.	8	Catherine C. Battison.
Notch Hill	Div. I.	19	Richard Jones.
„	„ II.	17	Lydia Hayes.
New Michel	Div. I.	40	John A. Scutt.
„	„ II.	35	Nellie M. Stewart.
Parksville	Div. I.	11	Mary H. McKinnon.
„	„ II.	18	Eileen Cass.
Pouce Coupe	Div. I.	9	C. S. Anderson.
Pouce Coupe, North	Div. I.	8	C. E. Braden.
Powell River	Div. I.	22	W. T. Arthurs.
„	„ II.	38	M. Selkirk.
Sooke	Div. I.	41	Mary C. Enos.
Telegraph Creek	Div. I.	27	T. A. McGarrigle.
Ucluelet Arm	Div. I.	12	C. H. Inskip.
Valdes Island	Div. I.	24	E. Mowat.
Vesuvius, North	Div. I.	19	A. S. W. Dodds.
Willow River	Div. I.	14	W. Walter O'Neill.

Total number of schools taking up school-gardening 137
Number of teachers or divisions 260
Number of pupils engaged in the work 7,367

SUPERVISED HOME-GARDENS.

List of schools and teachers taking up home-gardening and other home agricultural projects in 1919:—

School.	Div. No.	Pupils. No. of	Teacher.
Cities.			
New Westminster—			
Lord Kelvin	Div. I.	10	Jessie F. Rowan.
Richard McBride	Div. III.	16	M. B. McLean.
Vancouver—			
Fairview	Div. III.	3	M. P. Sinclair.
Beaconsfield	Div. II.	26	Bessie E. Rowan.
Dawson	Div. III.	42	L. McL. Howell.
Mount Pleasant	Div. II.	11	Jean Templer.
Tennyson	Div. I.	17	Robert Straight.
„	„ XI.	25	J. E. Tucker.
Municipalities.			
Burnaby—			
Kingsway West	Div. I.	25	Clifton T. Brown.
„	„ II.	40	Margaret A. Gray.

SUPERVISED HOME-GARDENS—*Concluded.*

School.	Div. No.	No. of Pupils.	Teacher.
Municipalities—Concluded.			
Langley—			
West Langley	Div. I.	6	Jessie A. Crawford.
Point Grey—			
Marpole	Div. V.	36	Jessie Porter.
Richmond—			
Bridgeport	Div. I.	41	Kathleen McNeely.
Lulu	Div. I.	9	Henry Bayley.
Surrey—			
Newton	Div. I.	4	Jeannie S. Bryson.
South Westminster	Div. I.	4	Eva M. Ray.
Rural and Assisted.			
Brisco	Div. I.	11	Edgar F. Clarke.
Creston	Div. II.	46	Mavis Y. Kane.
Denman Island	Div. I.	11	M. Osterhout.
Galiano Island	Div. I.	9	F. W. Hicks.
Happy Valley	Div. I.	10	Edna D. Bird.
Wellington, South	Div. I.	7	Margaret Johnson.
„	„ II.	40	Wm. de Macedo.
„	„ III.	19	Florence T. Down.

Total number of schools taking up supervised home-gardening 18
Number of teachers conducting the work 24
Number of pupils engaged in the work 468

CARE OF GARDENS DURING SUMMER HOLIDAYS.

The lengthening of the summer holidays has had a tendency to increase the difficulty of caring for school-gardens during the interval when the schools are closed. Several plans have been tried and with varying degrees of success. In cities and rural municipalities where a number of gardens are in operation it has been found most satisfactory to engage a competent man full time for the months of July and August. In the Municipality of Surrey this plan has been carried out most successfully for the past two years. The gardens have been kept in good condition at an average cost of $10.70 per school for fourteen schools.

A great deal depends upon the personal interest and ability of the man employed to look after the gardens during the summer vacation. Mr. S. J. Clarke, Principal of MacKenzie School, South Vancouver, says in his report:—

"Great credit must be given to Mr. Creighton, a returned soldier, for the splendid way in which he carried on the school-garden work during the summer vacation. He is a practical man and his advice and guidance proved of great benefit to the pupils. A register of attendance was kept. Those who attended regularly were amply rewarded by the encouragement received and the results obtained.

"The pupils of the Entrance class continued to care for their plots and crops until after the harvest. My present class then took hold and are already planning for 1920."

AGRICULTURE IN HIGH SCHOOLS.

This branch of the work is making satisfactory progress. It has been decided to begin the Course in Agriculture in the second year of the High School—viz., Advanced Junior. This was decided upon in order that the Two-year Course in Agriculture would end with the closing of the Course for Junior Matriculation. As a result of this no classes were organized in first-year agriculture last September, the present classes being composed entirely of second-year students. It was also recognized that the General Science Course of the first High School year would be of great advantage to students who would be starting agriculture in the second year. It remains to be seen whether this change with reference to the agricultural classes is a desirable one.

On account of the consolidation of the schools of North Cowichan, the time which the district supervisor for that district had been giving to these rural schools was made available for other work. It was accordingly arranged with the Department of Agriculture that Mr. Hopkins should devote part of his time to assisting the farmers of the Duncan District in their various

organizations and in their work generally. Under the new arrangement Mr. Hopkins devotes half of his time to the work of instruction in agriculture in the Duncan High School and in the consolidated school, and half to what is now generally known as agricultural representative work amongst the farmers of the district. The Department of Agriculture meets the cost of maintaining an office and part of the travelling expenses, the balance being met by the municipality. Arrangements have just been made whereby Mr. Hopkins will go to Courtenay, where he will occupy a similar position. Part of his time will be devoted to agricultural teaching in the schools of Courtenay and Merville, and the remainder to agricultural representative work which will be chiefly carried on in connection with the soldier settlement at Merville. To fill Mr. Hopkins's place at Duncan Mr. W. M. Fleming, B.S.A., has been appointed.

During the coming year arrangements will be completed for supplying a district supervisor for the South Okanagan. The School Boards of Penticton and Summerland have already accepted the offer made to them, and will be able to utilize the full time of the supervisor appointed. Other School Boards are now considering the possibility of starting the work in agriculture.

Reports of District Supervisors of Agricultural Instruction.

From Mr. J. C. Readey, B.S.A., Chilliwack City and Municipality:—

"During the year steady progress has been made in all departments of the work with the exception of the night-school and extension work. No work in these lines has been undertaken.

"*The High School.*—The work in the Chilliwack High School continues to progress satisfactorily. All students writing for Matriculation in June were successful. The present class seems to be the strongest class since the inception of the work. The class spirit and interest has never before been so good. Owing to the change of the instruction in agriculture from the first and second years in High School to the second and third years, there is but one class this year. The total enrolment in the Advanced Junior Grade this year is fourteen, eight of whom are boys.

"Part of the success of the class matriculating in June was no doubt due to a series of excursions to the farms of successful men in the district. In each case the class went to the farm for instruction in one subject only. In each case the instruction was given by the farmer in charge. The students were transported in a Ford 1-ton truck owned by me and operated at my own expense. I regret to report that owing to cost this practice has had to be abandoned, and I have been unable to persuade the School Boards to grant sufficient funds for its continuance. Nothing else that I have introduced as an aid to an intelligent understanding of the principles of agriculture has been so effective as has the practice of taking the classes out to the farms of the district.

"The High School garden has been of more assistance this year than formerly. The students' interest, though for the most part fairly good in the past, has increased. I have not yet, however, found a system of garden practice that is entirely satisfactory. The 'experiment' idea, which involves various treatments of soil or seed and accurate measurements, is not satisfactory except in a limited number of cases. It is very rare that deductions may safely be drawn from such work. When they cannot be the student is disappointed. Experience seems to indicate that the improvement of the garden-work lies in the direction of biological study rather than in the direction of practical tests. Principles whose proof rests with experimentation would seem to be better imparted as information while the biological study is being made.

"The garden yields were lower than usual for the past season, due to the prolonged drought through the months of August and September.

"*The Public Schools.*—The work of nature-study and elementary agriculture is gradually winning its way with teachers and the public. It has always been interesting to the boys and girls. Teachers are undertaking the work with greater enthusiasm, and as its purpose finds its way into the understanding of the people they willingly support it. The Teachers' Association, the School Fair, and the new Course of Study have been strong factors in establishing the work. It is regrettable, though, that our teachers continue to pass through their training without getting an adequate vision of the possibilities of the work or a working knowledge of it.

"Twenty-two rooms in the township schools and six rooms in the city school carried on gardening this year. Some really excellent work was done. Not only was much of the produce of high quality, but I believe that greater use was made of it for instruction purposes than ever before.

"The new Course of Study already referred to has been well received, and the teachers have set about mastering it and using it in a real earnest manner.

"*The School Fair.*—This institution continues to grow in usefulness and popularity. Every department of school-work was represented. The fair was again held in connection with the annual Chilliwack Exhibition. Marked improvement was noted in the quality of the school-garden exhibits. The manual-training exhibit was the best yet held. Exhibits of hand-work by the lower grades were excellent. Interest in the live-stock exhibits was not so good, however, as last year. There were only a few pigs, calves, and chickens shown. A prominent and very attractive feature of the fair was the school parade of about 600 children. Each class was dressed to represent some literary personage or historical event. The fair has been taken over by the local Teachers' Association as part of their programme. It would be difficult to secure a more desirable arrangement. There was a total of 876 entries and the prize-list amounted to $670.50.

"It may be that we have erred in emphasizing too much the individual competition in the higher grades. This may tend to develop individualism on the part of the student and might be better replaced by contests between groups consisting of schools or classes.

"The proceeds from the sale of garden produce and the school winnings at the fair are being used to purchase useful or beautiful equipment for the class-rooms. The city school has been able by this means to procure a good stereopticon and slides for school use. Naturally the interest is keen.

"The directors of the New Westminster Fair this year offered a trophy and diploma for the best school-garden exhibit. Our schools were able to win over two other competitors, to the very great satisfaction of pupils, teachers, and parents of this district. According to the statement of the judge, the award was made because of the superior educational features of our exhibit.

"A meeting of the Teachers' Association is usually held in each year to prepare a programme and prize-lists for the following fair.

"The School Fair is a means to education that I beg to recommend to your consideration.

"*Additional Work.*—New demands upon my time are being made continually. This is a gratifying fact, as it indicates a recognition of the work by the people. During the year I have been called upon to assist in organizing the fruit-growers' interests, and was appointed Secretary-Treasurer of the Lower Fraser Seed Growers' Association and a director on the Chilliwack Agricultural Exhibition Association. From time to time, too, I have been asked to advise on private farm matters. The desirability of being able to participate in these local activities is undoubted, but it adds seriously to the amount of work to be done. I beg to suggest that secretarial assistance be provided for, so that I may be able to retain this vital contact with local agricultural movements.

"I beg to acknowledge with thanks your permission to travel, during the entire month of October, through parts of the United States and Canada that I might study methods in rural education. The following points were visited: Olympia, Wash.; Salem and Corvallis, Oregon; Spokane, Wash.; Bismark, N.D.; St. Paul, Minn.; Ames, Iowa; Chicago, Ill.; Gary, Ind.; Guelph, Ont.; Winnipeg, Oakville, and Portage la Prairie, Man.; Saskatoon, Sask.; and Edmonton, Alta.

"Particular attention was given to the consolidation of rural schools and their equipment. The conclusion formed from this study is that our present rural schools have ceased to be adequate to the needs of rural children; that our conception of education has been too narrow; and that physical, social, and moral training as well as intellectual must be provided. Our educational system must provide for the physical and social training at one time supplied by the home, but which the average rural home now fails to provide. Our education must be definitely connected with the affairs of life. The method of teaching must be altered so that the child's character may be developed through directed participation in those activities and interests in which he normally lives.

"On arrival home steps were taken to place this fuller conception of education before the people here and to bring about consolidation of the city and township schools. It is most gratifying to be able to report that so far the proposition has been enthusiastically received, and at a recent joint meeting of the two School Boards concerned steps were taken to secure data with reference to the cost of the change, to arrange a basis for the just apportionment of the

cost between the two municipalities, and to plan for an educational campaign before submitting the money by-law to the ratepayers."

From Mr. J. E. Britton, B.S.A., Enderby, Armstrong, and Spallumcheen:—

"*Enderby.*—The Enderby High School Agriculture class had an enrolment of six girls and four boys. These pupils are in the Advanced class and are now completing the second year's work in agriculture.

"During the spring both first- and second-year agriculture students worked in the demonstration grounds, planting and tending the various crops that were grown. The same general plan of the previous year was followed, with the addition of bringing all of the ground under cultivation and the starting of hotbeds and perennial borders and the planting of ornamental shrubs. After the summer vacation the present Advanced class carried on and completed the season's work.

"One of the new features adopted this year was a 'model home-garden,' planned and planted by the Second-year class. The project was a definite area of the grounds, measured off and planted with flowers and vegetables, representing a home-garden for an average family. This work allows for the cultivation of many garden crops with relationship to their use, and endeavours to arrive at a good balance for the home-garden. Through co-operation with the manual-training department of the school, bird-houses were made and placed in the garden. Another year these features should be greatly strengthened.

"*Beautifying School-grounds.*—During the spring both classes assisted in the planting of ornamental trees and shrubs in the school-grounds.

"*Hatching Eggs.*—To all those taking agriculture and situated favourably for the work, sittings of eggs of pure-bred White Wyandottes were given out. A charge was made for these of about half the actual value, the balance being paid out of funds received from the sale of garden produce. Some very good birds have been raised, and it is to be hoped that this branch of the work may be promoted further, and a poultry-breeding station finally established which could supply eggs as required for the schools. With more chickens being raised by the pupils, the birds may be used for judging, exhibition, crate-fattening, etc.

"The work of finishing poultry for market was again undertaken this year with even greater satisfaction. Ten cockerels were purchased and crate-fattened in the school building. Feeding was continued for a period of two weeks, using a mixture of ground oats, corn, and wheat. A record was made of all weights. The grain was mixed with sour buttermilk some time before feeding.

"This year the objective was a chicken dinner, to which the agricultural students could invite the rest of the school, the staff, and other friends. When the chickens were in prime condition they were killed, by bleeding and braining, plucked and made ready for the oven. Through co-operation with the Domestic Science Department a dinner was planned and invitations sent out. The dinner was served hot at 6.30 in the assembly-room of the school. A copy of the menu is here given:—

"ENDERBY HIGH SCHOOL AGRICULTURAL CLASS.

CHICKEN DINNER.

MENU:

Celery. Sweet Gherkin Pickles.

Roast Milk-fed Chicken.

Cranberry Sauce.

Potatoes. Carrots.

Bread-rolls. Butter.

Vanilla Ice-cream. Cake.

Apples. Pears. Grapes.

Coffee.

Music. Addresses.

"The success of the dinner and the enthusiasm of the pupils suggest other possibilities.

"*Armstrong.*—Armstrong High School has received almost the same work in agriculture, but conditions make it impossible to exactly duplicate the work. Four hours per week have been devoted to the subject. Pupils enrolled were four girls and three boys.

"The plots consisted of a variety of crops as in the previous year. Another strip of ground has been brought under cultivation and the fence completed around the entire garden. Bush-fruits have been planted and another perennial border. A line of pipe of the Skinner irrigation scheme was installed and proved a great help during the dry spell.

"*The Rural Schools of Spallumcheen.*—The seven schools in the Municipality of Spallumcheen have found the lack of water the greatest obstacle to school-gardening. Where water is available there is no satisfactory way of applying it. These schools were visited regularly until it was found impossible to do so and complete other work.

"Gardens were planted this year at four schools. The pupils are always very eager for this work and anxious to make a good showing. Consolidation, as under way at the present time, will change our entire plan of work.

"There has been a growing demand upon my time from the farmers of the district, and I have endeavoured, as far as possible, to be of any service where agriculture was the call. The school-work has increased so that it seems necessary to restrict my time more and more to it, although one branch of the work invariably helps the other."

Commenting on Mr. Britton's most interesting and almost unique plan of bringing school and home interests closer together in a mutual sympathy and support as outlined in his report of the chicken festival at Enderby, the editor of the Enderby *Advertiser*, under date of November 13th, 1919, wrote as follows:—

"*Practical Education.*—Each branch of our Public and High School Curriculum undoubtedly bears an important part in the child's education. There might be differences of opinion as to what branch is most essential, but none at all as to the need of each in the moulding of the all-round education. Certain it is that no branch is more essential or more helpful to the developing girl or boy than the Agricultural, Manual Training, and Domestic Science Courses taught in the Enderby and Armstrong schools by Miss Rabb, Mr. Britton, and Mr. Jones.

"Parents who have visited these schools and watched the school-children in these practical studies, or have followed the child in the home, particularly with regard to his or her development along these lines, must have felt most satisfied with the progress noted. And there is no course in the school studies in which the children are more interested or which they take hold of more readily.

"A demonstration was given in the assembly-room of the Enderby School last Friday evening by the girls and boys of the High School, when they served some forty guests to a chicken dinner, all the vegetables for which were grown in the school-garden, and the fowl fattened, killed, plucked, and cooked by the children within the school building. The excellence of the vegetables and of the meat of the fowl, and the tastiness of the cooking and the service—all done by the boys and girls under the supervision of Miss Rabb and Mr. Britton, the latter more particularly in preparing the fowl for the cooking—fully demonstrated how quickly and whole-heartedly the pupils enter into this branch of their studies.

"A more perfectly cooked and savory meal would be hard to find. It did credit to the Instructors as well as the pupils."

"From Mr. E. L. Small, B.S.A., Surrey Municipality:—

"*High School.*—Six pupils are enrolled in matriculation agriculture in Cloverdale High School, and of this number there is only one boy. A class of six is a fair percentage when one considers that the entire High School did not consist of more than fourteen pupils last year. The school is now on a more prosperous basis, with a preliminary class of nineteen, all of whom are taking the general science option.

"The garden-plot at Cloverdale was drained and well prepared last spring, an interesting list of experiments being planned and started; but the wet spring, followed by an exceedingly dry summer, put the heavy clay soil into such a condition that no results were obtained from the experiments. Such crops as did grow were used in class-room instruction.

"I fear that the experimental grounds at the Cloverdale High School cannot be made suitable for experimental work. It is probable, however, that a separate building will be required for High School before another year, and if the new site is chosen with care this difficulty should be remedied.

"The ornamental decoration of the school-grounds last spring gave an excellent opportunity for instruction in the principles of landscape-gardening, proper methods of planting and care of shrubs, trees, and perennial flowers, as well as a chance to observe the various varieties.

"Excursions to first-class poultry, dairy, and stock farms have been a great help to the class. I intend to develop the excursion work still further this spring.

"*Work in Rural Schools.*—In Surrey there are nineteen rural schools with twenty-six rooms. During the fall term I have worked in these schools, using a time-table which enabled me to be at each school at a stated period every two weeks. This method of visiting I have found very satisfactory.

"Work in the rural schools has consisted of school- and home-garden organization, school-fair work, supplying material and books needed in the Nature Study Course, and help by means of type lessons in the Nature Study Course. I shall deal briefly with each of these divisions of the work.

"*School-gardens.*—Of the fourteen schools that conducted gardens on the school premises, nine were able to make a creditable exhibit at the School Fair. The teachers were encouraged in every way to base much of their September and October nature-study teaching upon the garden materials.

"One man was hired to tend the fourteen gardens during the summer holidays, at an average cost of $10.70 per garden. Results were satisfactory.

"*Home-gardens.*—Materials for four contests were distributed last spring. A selected number of pupils from each school were allowed to compete and the plots were established at the pupils' homes. The materials used were Netted Gem potatoes, Quebec No. 28 corn, Yellow Intermediate mangels (seed production), and asters. Definite instructions were given for planting, care, and harvesting, and since the plots were of small dimensions the children were very successful. Each of these plots was visited by the supervisor during the summer and the produce was shown at the School Fair.

"*School Fair.*—The children's exhibits in the schools' section of the Surrey Exhibition was recognized by both directors and the general public to be an outstanding feature of the fair. Tables were erected outside the building on the porch for farmers' exhibits, so that the schools could be given all the room they required. The Agricultural Association encouraged the school-work in every way; extra tables were built, shelves were erected, and liberal prizes were offered. Since the exhibition a representative of the school-work has been placed on the Board of Directors.

"The School Fair included classes in Art, Junior Hand-work, Penmanship, Home-garden Produce, School-garden Produce, Nature Collections, Domestic Science, Manual Training, and Live Stock.

"Besides the cash prizes offered, a shield and two silver cups were competed for.

"*Help in Nature Teaching.*—Nature-study supplies suitable for mounting weeds and making wood and insect collections were distributed. Necessary chemicals were supplied and helpful bulletins were distributed. Bulb-culture was encouraged by giving bulbs and pots to the classes who will plant and care for them until blooming-time next spring.

"I have found the teaching of type-lessons very helpful in introducing a subject for study. Where possible, problems are given which tend to cultivate the child's powers of observation, especially if he has found the correct solution for the next lesson.

"Plans are being made to enlarge the reference libraries and nature equipment during the coming year."

From W. J. Austin, B.S.A., Vernon and Kelowna:—

"At Vernon the Advanced class in Agriculture has fallen off considerably, four remaining—two boys and two girls. I am also teaching a class of eighteen students in botany in the Vernon High School.

"At Kelowna the Advanced class in Agriculture numbers eleven—seven boys and four girls. I also teach a class of eighteen students in botany here, and a class of twenty in preliminary general science.

"At the Kelowna Fall Fair we were able to make a school exhibit this year."

From S. H. Hopkins, B.S.A., Duncan and North Cowichan:—

"*High-school Work.*—Six pupils were enrolled in the Advanced class in Agriculture, three of which have dropped out of school, leaving only three in attendance—one boy and two girls. It would appear that the Course in Agriculture does not attract the pupils of this district. It is possible that this is partly due to the lack of a suitable class-room and partly to the prevailing trend of opinion, which is away from farming as an occupation.

"*Rural-school Work.*—During the spring term regular weekly visits were paid to five rural schools in North Cowichan, and gardens, which did fairly well, started at three. As consolidation of these schools was effected at midsummer, this part of the work was dropped.

"*Extension-class Work.*—No regular classes have been undertaken this year, but several meetings have been addressed in outlying points. Duncan City has been found unsuitable as a meeting-place for these classes.

"*Experimental Work in School-gardens.*—The most important of these had to do with fertilizer tests. It was found that barnyard manure with lime or with superphosphate of lime gave the best results, surpassing all others, even the complete mineral fertilizers.

"A few tubers of the Australian artichoke planted late gave most promising results. These were obtained from Professor L. Stevenson, Superintendent of the Sidney Experimental Farm, who has been most kind in supplying materials for our garden and experimental work. Giant Russian sunflowers gave a very good yield, equalling 16 tons per acre. Under the same conditions corn yielded less than half as much. Both sunflowers and corn give great promise as silage and soiling crops. Experimental plots of Magoon, Paxton, Royal Sovereign, and a few Everbearing strawberries were planted and will bear in 1920."

From J. M. Shales, B.A., B.S.A., Langley Municipality:—

"*High-school Work.*—In the Langley High School at Murrayville fourteen students are enrolled in the Advanced class in Agriculture—four boys and nine girls. In this class we have covered the following work since I took over the work in June:—

"(*a.*) A study of the weeds of the locality, which included the making of collections of weeds and weed-seeds by pupils.

"(*b.*) A brief study of the divisions of the animal kingdom, the place of insects, their general characteristics; the collecting and identifying of some insects of the district, together with the technique of killing, stretching, and mounting. In connection with this work the microscope was used where possible to demonstrate the ordinary unseen types of animals and to differentiate these from the simplest forms of plant-life.

"(*c.*) Classification and cultural study of the commoner field crops, comparative economic importance and local possibilities. Practical field-work and illustration given wherever feasible.

"(*d.*) Study of breeds of live stock—cattle, horses, sheep, and swine—with lantern-slide illustration, supplemented by two visits to live-stock farms. Utility types of each class of animal, with judging of dairy cattle, which, along with the bacon type of hog and Canada's possibilities in the bacon industry, received greatest attention.

"(*e.*) Orcharding—brief study of varieties; requirements of soil and site and planting methods, with selection and buying of nursery stock, pruning, fertilizing, cover and companion crops, and intercrops; very brief survey of marketing problems.

"All the public schools in the municipality are being visited by schedule, once in two weeks, where assistance is being given the teachers in introducing the new Nature Study Course. Sometimes type lessons are taught, sometimes the teacher is observed, and an examination of the pupils' separate nature note-books made. Excellent success was attained in our School Fair at Milner on September 24th, through the strong co-operation and the hard work of the Teachers' Association. A parade of the school-children was staged for the first time in this district and bids fair to become a very popular feature. The sports programme was organized, though incomplete, and I hope to have a very attractive feature in this next year. On the whole, the fair is a firmly established, widely accepted, growing institution which holds great possibilities for future development and increased service.

"No outside classes are being carried on in this district at present.

"I am pleased with the nature of this work and see in it an opportunity to be of great use to the district, an opening which I hope to use to good advantage as I become more firmly established among the people and in the work."

From H. E. Hallwright, B.S.A., Victoria and Saanich Municipality:—

"To many city people agriculture as a subject of instruction in high school is regarded as unnecessary and unsuitable; in fact, as irreconcilable with education. This, to some extent, has been the case in Victoria. Nevertheless, a number of parents have been far-sighted enough to see the possibilities which the study of this subject holds for their boys and girls. The record which these students have made so far is bringing home to others the fact that education is not complete without at least some first-hand knowledge of the principles of agriculture. The

School Fair exhibit in seed-growing, Saanich Municipality, 1919. The beautiful trophy in the centre was presented by the Victoria Rotary Club.

School-garden exhibit, Surrey Municipality, 1919.

tendency to regard agriculture in its economic importance only tends to detract from its otherwise profound appeal to the parents who desire true cultural education for their children. The very method which must be employed in teaching the subject, however, promotes self-reliance, honesty, and nobility of ideals. It is certain that wherever parents have made it their business to look into the work which is being done by high-school pupils in agriculture, nothing less than the complete course will satisfy them.

"Last year the High School class in Agriculture was allowed only the minimum amount of time for the work, but they have shown keen interest and have made rapid progress since their return last September. The class now numbers eleven—four girls and seven boys. In all branches of the work, whether in class-room, laboratory, or garden, I find the girls quite equal with the boys in interest and loyalty.

"The method of direct instruction is used as far as is possible. By this means the pupils are grounded in the principles of the subject; the superficial layers of information are easily applied afterwards. The broadest possible application of the knowledge gained to life problems is made. A good deal of responsibility is placed upon the students from the start; they are encouraged to think and plan for themselves and to develop initiative and resourcefulness.

"The winter night classes in agriculture held at the Victoria High School have been satisfactory. Out of a total enrolment of thirty-seven students, twenty-five have attended regularly. The course has been planned to meet the needs of the majority who intend to adopt farming as a vocation. Considerable time has been spent in soil-study as being of primary importance. Other subjects have been dealt with according to the wishes of the majority. Practical work has been emphasized and excellent results have been obtained. In milk-testing by the Babcock test, for example, over 90 per cent. of the determinations made by students in the class were within 5 per cent. or one two-hundredths of those obtained by the Instructor in a check-test. It is to be regretted that the laboratory will not accommodate more than about twenty-five men for efficient work of this kind.

"In Saanich the results have been gratifying. The character and function of nature-study and school-gardening have been appreciated and good work is being done. Seed production has been emphasized in the school-gardens as being particularly suited to the conditions prevailing in Saanich. Furthermore, for purposes of instruction in nature-study nothing could be better. This branch of the work has been further strengthened and popularized by the generous action of the Rotary Club of Victoria in presenting a magnificent silver trophy for competition among the schools of the Victoria and Saanich District. Two Saanich schools, Craigflower and Gordon Head, tied for honours this year. This is accounted for by the fact that the award is made on credits received for the six best essays on 'Seed Production and Citizenship,' in addition to the points made by the schools competing at the seed exhibit. One school excelled in its exhibit, whilst the other school managed to pull up even in the literary part of the contest.

"Much credit is due to the teachers themselves for the success of the work in Saanich. Through the Saanich Teachers' Institute the collective inteligence of the teachers has been brought to bear on the work, and through their influence public opinion has been to a large extent won over.

"No night classes in agriculture were organized in Saanich this year, but with the return to the farms of many of the young men who went overseas it is expected that a good class can be organized next year."

With reference to the High School classes in Agriculture, it should be noted that the attendance reported by the different supervisors refers to the fall term of 1919 only. The graduating classes at the various centres for the spring term were as follows: Armstrong, 6 pupils (4 girls, 2 boys); Chilliwack, 10 pupils (7 girls, 3 boys); Cloverdale, 8 pupils (6 girls, 2 boys); Duncan, 5 pupils (4 girls, 1 boy); Enderby, 8 pupils (5 girls, 3 boys); Kelowna, 9 pupils (6 girls, 3 boys); Murrayville, 8 pupils (6 girls, 2 boys); Vernon, 12 pupils (9 girls, 3 boys); Victoria, 11 pupils (3 girls, 8 boys).

School-grounds Improvement.

A good deal of interest has been manifested in school-ground improvement by School Boards during the year. The new meaning of "improved school-ground" is taking possession of the public mind. It is something more than the old idea—a site for a school-house. The child of to-day is being trained and educated in the school-ground as well as in the class-room. The

modern school-ground is useful in education by virtue of its furnishings of trees, shrubs, gardens, and playground apparatus. It is also a centre of interest for the people and when made beautiful it becomes their pride. At Penticton, for example, the trustees and the people generally have held their school-grounds in high esteem for many years, with the result that with the help afforded by the Department their school-grounds are second to none in the Province. When the Prince of Wales visited Penticton early in October the entertainment committee chose the school-grounds as the most desirable place for the reception. During the year several new schools have started grounds-improvement work and others plan to begin in the spring.

Occasionally very commendable work has been done by the people themselves without any assistance from the Department. Enthusiastic leadership counts for everything in work of this kind. The following interesting report of the efforts of a community to help themselves illustrates this very well, and also goes to show what can be done when the best incentive and the right spirit prevails:—

"Lang Bay, August 13th.—On Sunday morning last twenty-five men assembled at the school-house to start operations improving the surroundings of the school. Led by Mr. Charles Lamb, of the Lamb Lumber Company, and one of the School Board of Trustees, the work of clearing and burning was soon under way. By trimming up the young timber a large and shady play-ground was obtained, and room also made for garden-work and flowers. About as many ladies as men, with Mrs. Lamb as leader, provided dinner and supper in the school-house. Lemonade was also provided for the men at work, as the day was hot. Another day will be given to this work to complete it before the school term opens in September. Much credit is due the workers, many of them being loggers without families, but generous enough to 'do their bit' for the education of the young people. The school-house will also be renovated inside and a pure water-supply provided from a spring on the hillside near by."

SPECIAL COURSE IN HOME AND SCHOOL GARDENING.

At the request of the principals of the Vancouver schools a special course of ten afternoon lectures on school and home gardening was given in the physics lecture-room of the Provincial University. This short course, which was given in January and February, was attended by 108 teachers altogether, and but for the epidemic of Spanish influenza the attendance would have been much larger. In giving this course I was assisted by Professor Clement, Professor Boving, and Professor Davidson, of the University staff.

A special committee of Vancouver teachers was also appointed to go into the question of extending school and home gardening in Vancouver. The School Board by resolution unanimously favoured the move and provided for the required funds in their estimates for the year. These estimates, unfortunately, along with some others, were held up by the City Council of Vancouver until it was too late to put the plan into operation for 1919. Several schools in Vancouver, however, had already started school-gardening and were able to continue. It is to be hoped that the plans, which included some work along this line for practically every school in Vancouver for 1919, will not be entirely abandoned, and that the coming year will see a new move made in the same direction.

I have, etc.,

J. W. GIBSON,

Director of Elementary Agricultural Education.

SUMMER SCHOOL FOR TEACHERS.

VICTORIA, B.C., December 31st, 1919.

S. J. Willis, Esq.,
Superintendent of Education, Victoria, B.C.

SIR,—I beg to submit herewith a report on the summer school for teachers held in Victoria from July 7th to August 8th, 1919.

The summer school for teachers which was held in Victoria during the past summer was one of the most successful that has yet been held. Owing to the fact that most of the schools in the Province were closed for a long period during the autumn and winter months the teachers had worked under high pressure for the remainder of the school-year, and consequently felt the need of rest and recuperation during the summer holidays. As a result the attendance was not as large as in former years.

Following is a list of the courses given and the enrolment in each:—

1. Rural Science (including Elementary Agriculture, Nature-study, and School-gardening):	
(*a.*) Preliminary Course	18
(*b.*) Advanced Course	8
2. Art:	
(*a.*) Preliminary Course	30
(*b.*) Advanced Course	13
3. Manual Training:	
(*a.*) Manual Arts (Primary and Intermediate)	22
(*b.*) Qualifying Course for Rural-school Instructors	9
(*c.*) Qualifying Course for Manual Instructors	12
(*d.*) Special Course for Certificated Manual-training Instructors	9
4. Household Science:	
(*a.*) Course for Rural-school Teachers	6
(*b.*) Course for Qualifying for Domestic-science Instructors	20
(*c.*) Special Course in Chemistry of Foods for certificated Domestic-science Teachers	5
5. Vocal Music and Elocution	16
6. General Science and Art Course for High-school Teachers	15
Total	183

The last course mentioned was given for the first time, and was so successful that its continuance either by the Department or by the University should be provided for.

A special short course for primary teachers in dramatization of stories and primary reading was also enthusiastically received by those who attended. It is important that this course be extended somewhat and given at future summer-school sessions. The very fact that British Columbia is without a kindergarten department of public-school work should warrant the giving of special opportunities for up-to-date training for all teachers engaged in primary work in public schools.

Regular classes for instruction in school games were held four afternoons per week, from 3.30 to 4.30, under the direction of Mr. J. M. Shales, B.A., B.S.A. These periods were taken by a large number of the student-teachers and served to provide an element of wholesome recreation quite apart from the information gained pertaining to school sports.

The Courses in First Aid and Home-nursing were given under the direction of the St. John Ambulance Society. Twenty-two teachers took the Course in First Aid to the Injured and twenty the Course in Home-nursing. The former class was conducted by Dr. M. Raynor and the latter by Nurse Grimmer. A list of the names of those who completed the courses offered and took the examinations assigned will be found at the end of the report.

SPECIAL LECTURES.

Arrangements were made with the Departments of Education in Saskatchewan and Alberta whereby a series of five lectures on "Rural Education and the Consolidation of Schools" was

given by Professor Julius B. Arp, of Minnesota. These lectures were attended by most of the students and proved to be both inspiring and instructive. This is but one example of the practical co-operation of the Western Provinces in matters pertaining to education, and something of this kind might well be carried through next year.

As in former years, special week-end evening lectures and entertainments were arranged for, all of which were open to the public. The first of the series was given by Dr. Sedgewick, of the University of British Columbia, his subject being "The Study of Literature as a Training for the Imagination." Dr. Plaskett, Dominion Astronomer, gave a most pleasing and instructive illustrative lecture on "The Solar System." Through the courtesy of the officials of the Metropolitan Church in granting the use of the church and of their fine organ, a very delightful vocal and organ recital was given for the benefit of the teachers attending the summer school and their friends. The vocal numbers were given by Mrs. J. Macdonald Fahey and the organ numbers by Mr. Edward Parsons.

The students themselves under the direction of Miss Coney and her music class, furnished an excellent programme towards the close of the session. An occasional social evening was arranged so as to permit of the teachers from all parts of the Province becoming acquainted.

The closing exercises took the form of a dinner, which was attended by the students and their friends. The Honourable the Minister of Education was present and gave the chief address of the evening in response to the toast to "Canada and Our Province." During the evening the High School was open to the public, and the various rooms were thronged with interested visitors who had come to see the splendid exhibition of work done by the different classes at the summer school.

As in former years, a number of short trips for purposes of study were taken to different parts in the vicinity of Victoria. A general excursion was run to Tod Inlet, where the students visited the beautiful grounds of Mrs. R. P. Butchart, who has always been so ready and so generous in extending to summer school students an invitation to spend an afternoon in her home grounds. On the return trip the students visited the large observatory on Little Saanich Mountain, and after enjoying a basket picnic during the early part of the evening, paid a visit to the observatory building, where Dr. Plaskett very carefully explained the wonderful mechanism of the huge telescope and also demonstrated its use. By means of lantern-slides he also explained many interesting but usually misunderstood things relating to the stars, planets, and nebulæ.

OUTLINE OF COURSES.

1. RURAL SCIENCE.

The work taken up included not only practical and theoretical instruction in the various branches of agriculture, but also instruction in school and home gardening and in nature-study. The subject-matter as outlined in the official summer-school syllabus was closely followed, with the omission of forestry. The various branches and instructors in each were as follows:—

PRELIMINARY OR FIRST-YEAR COURSE.

Organization and Methods in Rural Science.

(Instructor: J. W. Gibson, M.A., Director of Elementary Agricultural Education.)

School-gardening.

(Instructor: H. B. MacLean, Provincial Normal School, Vancouver.)

Soil Studies.

(Instructor: J. C. Readey, B.S.A., District Supervisor of Agricultural Instruction, Chilliwack.)

Field Husbandry.

(Instructor: E. L. Small, B.S.A., District Supervisor of Agricultural Instruction, Cloverdale.)

Horticulture.

(Instructors: Professor A. F. Barss, University of British Columbia, and J. E. Britton, B.S.A., District Supervisor of Agricultural Instruction, Armstrong.)

Poultry-keeping.

(Instructor: Alfred G. Lunn, B.S.A., Associate Professor of Poultry Husbandry, University of British Columbia.)

Plant-study.

(Instructors: A. H. Hutchinson, M.A., Ph.D., Professor of Botany, University of British Columbia, and John Davidson, F.L.S., University of British Columbia.)

Entomology.

(Instructor: R. C. Treherne, B.S.A., Entomologist for the Dominion Government.)

Bird-study.

(Instructor: Lionel Taylor, Esq., Kelowna, B.C.)

ADVANCED OR SECOND-YEAR COURSE.

Group A.

Organization and Methods in Rural Science.

(Instructor: J. W. Gibson, M.A., Director of Elementary Agricultural Education.)

School and Home Gardening and Special Agricultural Projects.

(Instructors: H. B. MacLean, Provincial Normal School, Vancouver, and H. E. Hallwright, District Supervisor of Agricultural Instruction, Victoria.)

Nature Drawing.

(Instructor: John Kyle, A.R.C.A., Provincial Organizer of Technical Education, Victoria.)

Group B.

Soils and Soil-fertility.

(Instructor: Professor Paul Boving, University of British Columbia.)

Animal Husbandry.

(Instructor: S. H. Hopkins, B.S.A., District Supervisor of Agricultural Instruction, Duncan.)

Dairying.

(Instructor: J. C. Readey, B.S.A., District Supervisor of Agricultural Instruction, Chilliwack.)

Group C.

Horticulture and Floriculture.

(Instructors: Professor Barss and J. E. Britton, B.S.A.)

Bee-keeping.

(Instructor: F. Dundas Todd., Esq., Instructor of Apiaries, Victoria.)

Group D.

Botany.

(Instructors: Dr. Hutchinson, University of British Columbia, and J. W. Eastham, B.Sc., Provincial Plant Pathologist.)

Entomology.

(Instructors: R. C. Treherne, B.S.A., and E. H. Blackmore, Esq.)

Certificates.

Teachers who completed the Preliminary or First-year Course were granted an interim certificate in Rural Science. Those who took the Advanced or Second-year Course and obtained satisfactory standing were granted a Rural Science diploma.

2. ART COURSE.

(*a.*) PRELIMINARY. (*b.*) ADVANCED.

(*a.*) PRELIMINARY COURSE.

(Staff of Instructors: W. P. Weston, Art Teacher; James P. Sinclair, Art Teacher; Spencer P. Judge, Art Teacher.)

Object Drawing—As in Syllabus.

Nature Drawing—As in Syllabus.

Design—As in Syllabus.

(*b.*) ADVANCED COURSE.

This course was open to those students who obtained a first-class certificate in the Preliminary Course of 1914, 1915, or 1917, or who could satisfy the authorities that they possessed the necessary ability to profit by the instruction. The course was of particular value to high-school teachers.

(Instructor: John Kyle, A.R.C.A., Art Master.)

Drawing and Painting from Objects—As in Syllabus.

Design—As in Syllabus.

Applied Design—As in Syllabus.

Certificate.

Practical and theoretical tests were conducted as the work proceeded, and at the close of the session a certificate was awarded to each student who successfully completed the course.

3. MANUAL TRAINING.

(*a.*) MANUAL ARTS, PRIMARY AND INTERMEDIATE. (*b.*) TO EQUIP RURAL-SCHOOL TEACHERS WITH THE NECESSARY KNOWLEDGE TO CONDUCT MANUAL-TRAINING CLASSES. (*c.*) FOR MANUAL INSTRUCTORS WHO DID NOT HOLD PERMANENT CERTIFICATES. (*d.*) FOR CERTIFICATED MANUAL-TRAINING TEACHERS.

(*a.*) MANUAL ARTS, PRIMARY AND INTERMEDIATE GRADE HAND-WORK.

(Instructor: William H. Binns, Supervisor of Manual Training, Victoria.)

Pedagogics—As in Syllabus.

Applied Work—Paper Folding and Cutting—As in Syllabus.

Mat-weaving.

Thin Cardboard-work—As in Syllabus.

Heavier Cardboard-work—As in Syllabus.

Clay or Plasticene Modelling—As in Syllabus.

Drawing—As in Syllabus.

Certificate.

Practical and theoretical tests were conducted as the work proceeded, and at the close of the session a certificate was awarded to each student who successfully completed the course.

In addition to the manual work the teacher-students attended the course conducted by Miss M. H. Winter on kindergarten-work, story-telling and dramatization, nursery rhymes, songs, games, etc.

(*b.*) WOODWORK AND METALWORK.

(Instructors: Alexander S. Hamilton, Supervisor of Manual Training, South Vancouver; George Anstey, Manual Instructor, Victoria.)

A course of projects suitable for rural districts and applied to agricultural conditions. This course was not intended to equip teachers to become manual-training specialists, but merely to provide the regular teacher with the training necessary to teach manual work in a rural school.

(1.) Drawing.

This consisted mainly in making a sketch of the object to be constructed with figured dimensions. Attention was paid to scales and scale-drawing.

(2.) As in Syllabus.

(3.) As in Syllabus.

(4.) As in Syllabus.

(5.) These joints embodied in the following project:—

1. Window-prop. 2. Seed-label. 3. Rope-cleat. 4. Tent-peg. 5. Egg-stand. 6. Round ruler, tie-rack, or towel-roller. 7. Halving joint. 8. Line-winder or dish-stand (with above joint). 9. Housing-joint. 10. Stool or book-stand (with above joint). 11. Table-mat or drawing-board (with glued joint). 12. Mortise and tenon joint.

After completing above projects student has choice of one of following courses:—

Course A—Projects for the home, such as paper-knife, sugar-scoop, ink-stand, knife-box, tooth-brush rack.

Course B—Furniture, such as taboret, table, umbrella-stand, hall-tree, dinner-wagon.

Course C—Projects for the farm, such as step-ladder, chicken-coop, dog-kennel, saw-horse, wheel-barrow, garden-frame.

Course D—Joints used in constructional work, such as more advanced mortise and tenon joints, bridle joints, dovetail joints.

Certificate.

Practical and theoretical tests were conducted as the work proceeded, and at the close of the session a certificate was awarded to each student who successfully completed the course.

(*c.*) PEDAGOGICS OF MANUAL TRAINING AND HISTORY OF EDUCATION; DRAWING AND DESIGN; TREE BOTANY, WOOD AND METAL WORK.

(Instructors: Alexander S. Hamilton, Supervisor of Manual Instruction, South Vancouver; Harry A. Jones, Metalwork Instructor, Vancouver; John Davidson, F.L.S., F.B.S.E., University of British Columbia.)

This course gave manual instructors who had temporary certificates an opportunity to become fully qualified.

Scheme of Work covered.

DESIGN—The æsthetic element in education; polygons from the æsthetic standpoint; decorative treatment of the square; decoration by means of punching; straight lines and curves—the profile; the mass proportions; harmony, symmetry, balance; designing wood and metal projects.

Educational Theory and Pedagogics.

Class-management; planning a manual-training centre; consideration of tools and equipment; receiving a new class; the first demonstration; observation and technique; points to observe in giving a lesson; how to control the work; the drawing lesson; methods of grading lessons; general education; manual training a basic subject; aims of manual training; discipline; faults and their correction.

Bench-work in Wood and Metal.

Certificate.

To obtain a permanent certificate candidates had to attend the class regularly and pass the examination first-class in drawing, design, bench-work, and written work. Seventy-five per cent. of the available marks in each subject set entitled the candidate to a first-class certificate and 50 per cent. to a certificate of the second class. This permanent certificate will only be granted after the candidate has taught successfully for one year and the Inspector of Manual Training endorses it.

(*d.*) DRAWING AND DESIGN; METALWORK AND WOOD-TURNING; TREE BOTANY.

(Instructors: Harry A. Jones, Metalwork Instructor, Vancouver; C. Whitefield, Wood-turner; John Davidson, F.L.S., F.B.S.E.)

This course was for certificated manual instructors in order to qualify them for positions in High Schools and Vocational classes.

PRELIMINARY METALWORK COURSE FOR MANUAL-TRAINING TEACHER'S DIPLOMA.

First year includes the following:—

Sheet-metal Work.

Sheet-bending, sheet-cutting, wiring, soft soldering, false wiring, lap-joint, hatchet soldering, clinched joint, grooved joint.

Stretch-outs.

Cylinder, tray, box, truncated pyramid.

Bench-work.

Setting out, cutting out with cold-chisel, filing, draw-filing, drilling, convex and concave filing, countersinking, annealing, cold bending, riveting by means of a rivet, tinning, matting, polishing.

Forge-work.

Cutting stock with hardy, calculation of stock, drawing out, hot bending, shaping, hardening and tempering.

Course in Wood Turning.

Tree Botany.

Second year includes the following:—

Sheet-metal Work.

Wiring curved edge.

Stretch-outs.

Truncated cone, cylinder sections, intersection of cone.

Bench-work.

Clinching, riveting by reducing.

Forge-work.

Cutting with hot set, bending with pegs, twisting, hot punching, upsetting.

Certificate.

Practical and theoretical tests were conducted as the work proceeded, and at the close of the session a certificate was awarded to each student who successfully completed the course. This certificate will count as a credit towards a manual-training teacher's diploma. An opportunity to complete the work for the diploma will be granted.

4. HOUSEHOLD SCIENCE.

(Instructors: Mrs. M. Arkley Martin; Mrs. Amy Ward; Mrs. Agnes M. Carter; Miss Olive E. Hayes; Mr. E. W. Hamilton-Smith, M.A., Science Master, Victoria High School.)

(*a.*) TO EQUIP RURAL-SCHOOL TEACHERS WITH THE NECESSARY KNOWLEDGE TO TEACH HOUSEHOLD SCIENCE IN RURAL SCHOOLS. (*b.*) TO TRAIN SCHOOL-TEACHERS WHO WISH TO GRADUATE AS TEACHERS OF DOMESTIC SCIENCE. (*c.*) A SCIENCE COURSE IN THE CHEMISTRY OF FOODS FOR CERTIFICATED DOMESTIC-SCIENCE TEACHERS WHO DESIRE TO QUALIFY FOR TEACHING IN HIGH SCHOOLS OR VOCATIONAL CLASSES.

(*a.*) SPECIAL PRACTICAL LESSONS ON DOMESTIC SCIENCE ARRANGED FOR RURAL SCHOOLS.

(Instructor: Miss Olive E. Hayes, Provincial Instructor of Domestic Science and Organizer of Women's Institutes.)

Cookery.

Food and its effect on man; food principles; food accessories.

PRACTICE—All lessons were closely correlated to the school text-books on nature-study and health. The cooking lessons were based on the preparation of a hot lunch, and a simple equipment used which can be introduced into any rural school.

THEORY—Reasons for cooking food; effect of applying heat to food; different methods of cooking food; food principles.

Needlework.

Lessons on elementary sewing, mending, patching, darning. Simple methods of drafting and cutting patterns. "Boy Scout" course in sewing.

Certificate.

Practical and theoretical tests were conducted as the work proceeded, and at the close of the session a certificate was awarded to each student who successfully completed the course.

(*b.*) A COURSE OF LESSONS IN THE THEORY AND PRACTICE OF COOKERY AND NEEDLEWORK AND MILLINERY FOR SCHOOL-TEACHERS WHO DESIRE TO GRADUATE AS DOMESTIC-SCIENCE TEACHERS.

(Instructors: Mrs. Agnes M. Carter; Mrs. M. Arkley Martin; Mrs. Amy Ward.)

Preference was given to teachers who had attended and passed previous courses held in 1914, 1915, and 1917.

PRELIMINARY COURSE FOR THE PURPOSE OF TRAINING DOMESTIC-SCIENCE TEACHERS.

(First Term, 72 hours.)

House-management Course.

Comprising: Washing of dishes and saucepans; care of white wood; care and cleaning of metals in daily use; care, cleaning, and disinfecting of sink; dust and its removal; laying the table; constructions, management, and cleaning of kitchen range, with simple study of combustion and use of coal and wood respectively.

Summer school for teachers, Victoria High School, 1919.

Rural Science class in garden studies, Victoria Summer School, 1919.

Rural Science class in study of trees and shrubs, Victoria City Nursery. Summer School, 1919.

Summer-school students enjoying an afternoon in the beautiful grounds of Mrs. R. P. Butchart, Tod Inlet, Saanich.

Summer-school students studying varieties and arrangement in the rock gardens of Mrs. Butchart's home.

The closing of the 1919 summer school, dinner being served in the gymnasium.

Practical Cookery.

Methods of Cooking—(1.) Boiling and steaming—applied to cereals, vegetables, fresh and salt meat, fish, plain sauces, puddings (in which suet is used), stock soup, and beef tea.

(2.) Roasting and baking—milk puddings, plain pastry, beef, mutton, small plain biscuits and cakes, yeast-bread, and large plain cakes (with lining of tins).

(3.) Frying—shallow fat.

(4.) Stewing—meat (beef and mutton) and fruit (fresh and dried).

(5.) Reheating cooked food.

Theoretical Cookery. (Based on practical work.)

Reasons for cooking food; effects of applying heat to food; different methods of cooking food (e.g., boiling, steaming, etc.), and the effects of these on food.

Food Principles—Use of food to the body; dietetic value of meat, fish, milk, butter, cheese, eggs, cereals, sugar, fats (e.g., suet, lard, crisco margarine), and beverages; different foods in combination.

Needlework, Junior Grade. (To be correlated with the Drawing.)

(*a.*) Stitches, methods, seams, bands, button-holes, edges, etc.

(*b.*) Elementary drafting.

(*c.*) Comparison of values in linen and cotton—materials, thread, buttons, and other accessories.

(*d.*) Knitting in cotton. Knitting in wool, scarves, socks, etc.

(*e.*) Elementary embroidery and history of needlework.

(*f.*) Free cutting from paper-folding method of simple garments of various sizes—e.g., caps, bonnets, bibs, aprons, pinafores, etc.

Needlework, Senior Grade.

(*a.*) Drafting of cooking outfits. Drafting of undergarments.

(*b.*) Lessons on and study of sewing-machine methods.

(*c.*) Simple outer garments.

(*d.*) Millinery—making and covering of buckram and wire shapes; sport hats, etc.

(*e.*) Embroidery and history of needlework.

Needlework Course for Public Schools.

First Reader—Even basting, uneven basting, running stitch, chain stitch, cross stitch, blanket stitch; free cutting from paper-folding method of simple garments of various sizes—e.g., caps, bonnets, bibs, etc.

Second Reader—Stitching, back stitch, combination stitch, hemming stitch, overhanding stitch, French seam, flat fell seam, herringbone stitch, feather stitch; free cutting from paper-folding method of simple garments for children of different ages.

Third Reader, Junior—Overhanding, button-hole stitch, hem stitch, damask seam, flannel seam, making cookery outfit (pot-holder, towel, sleeves, apron, cap); free cutting and making of garments.

Third Reader, Senior (25 hours during the school-year). (In conjunction with work in Cookery.)—A selection of exercises from the following: Hemstitching, button-holes, household sewing, pillow-slips, towels, etc.; making and repairing kitchen linen; patching, darning; free cutting continued; knitting.

Fourth Reader, Junior (25 hours during the school-year)—Draughting, free cutting, and making undergarments; repairing, patching, and darning flannels, prints, and coloured goods; knitting.

Fourth Reader, Senior (25 hours during the school-year)—Cutting and making undergarments or High School outfit; repairing table linen, mending and darning of outer garments, gloves, etc.

(*c.*) A LABORATORY COURSE IN SCIENCE FOR CERTIFICATED DOMESTIC-SCIENCE TEACHERS TO EQUIP THEM FOR WORK IN HIGH SCHOOLS AND VOCATIONAL CLASSES.

(Instructor: Mr. E. W. Hamilton-Smith, M.A., Science Master.)

GENERAL CHEMISTRY—LECTURE COURSE.

1. Chemistry of Water.

2. Chemistry of Foods.

The sugars, starch, cellulose, fats and oils, cereal foods, bread, pastry, baking, vegetables, fruits, milk, eggs, butcher meats, poultry, fish, mineral matter in foods, beverages, condiments, food requirements of the body, food combinations in meals, food preservation.

PRACTICAL COURSE (LABORATORY)—Qualitative and quantitative analysis and tests.

3. Physics of the Household.

4. Hygiene.

5. Needlework.

Sewing for elementary and high schools, free cutting, use of commercial patterns, draughting from measurements, dressmaking.

Certificate.

Practical and theoretical tests were conducted as the work proceeded, and at the close of the session a certificate was awarded to each student who successfully completed the course.

5. VOCAL MUSIC AND ELOCUTION.

(Instructor: Miss E. M. Coney, Music Mistress, Vancouver Normal School.)

As in Syllabus.

Certificate.

A certificate was awarded to each student who successfully completed the course.

6. GENERAL SCIENCE AND ART COURSE FOR HIGH-SCHOOL TEACHERS.

(Instructors: P. H. Elliot, M.Sc., University of British Columbia; E.W. Hamilton-Smith, M.A.; Dr. Hutchinson; John Davidson, F.L.S., F.R.S.E.; Dr. C. McLean Fraser, Director, Marine Biological Laboratory, Nanaimo, B.C.; R. C. Treherne, B.S.A., Entomologist for Dominion Government.)

This course was arranged for those high-school teachers who desired to acquaint themselves more fully with modern methods of presenting Elementary Science in first-year high school.

Text-book: General Science—Caldwell & Eikenberry.

Physics.

PART I.—The air, chapters 1-5, inclusive.

PART II.—Water and its uses, chapters 10-14, inclusive.

PART III.—Work, energy, and electricity, chapters 15-16, inclusive. Electricity and magnetism of Junior Matriculation Standard as presented in Ontario High School Physics.

Chemistry.

PART I.—Lecture demonstration course covering the requirements for Junior Matriculation.

PART II.—Laboratory Course consisting of practical work appropriate to the lecture course.

Botany.

Study of the cell as the unit of plant-life; use of the compound microscope; structure and function of plant-organs; the classification of plants; characteristics and economic importance of gymnosperms and angiosperms; ecological relationships of plants and the classification of ecological types.

Zoology.

General relationships and differences in the various phyla of the animal kingdom, distribution, relation to environment, life-history of important types; observational study of typical specimens in class-room, museum, and on the sea-shore; life-history of the Pacific salmon.

The life-history, habits, and economic importance of type insects of the most important orders; laboratory and field studies dealing with external anatomy as a basis of classification.

Certificate.

A certificate was awarded to each student who successfully completed the course.

7. KINDERGARTEN AND PRIMARY GRADE WORK.

STORY-TELLING AND DRAMATIZATION; NURSERY RHYMES; SONGS AND GAMES; THE MOTHER GOOSE PLAY.

(Instructor: Miss M. H. Winter, New Westminster.)

This course, which lasted for two weeks, was attended by the students taking the Manual Arts work of the Primary Grade, together with teachers who came for this class alone.

NAMES OF SUMMER-SCHOOL STUDENTS BY COURSES.

The following are the names of the teachers who attended the summer-school session of 1919:—

RURAL SCIENCE, PRELIMINARY.

Bevier, Norma.
Bird, Edna Dorothy.
Cruikshank, Winifred G.
Cunningham, Mary B.
Elder, Marjorie E.
Howitt, John.
Jones, Rose.
Keir, Catherine M.
Lott, Mabel A.
McColl, Bessie (Mrs.).
Mufford, Aurelia O.
Nowlan, Lena.
Ramsay, Mary P.
Rogers, Alice M.
Thomas, David J.
Topper, Zella K.
Townsend, Caroline E.
Wyrill, Ida (Mrs.).

RURAL SCIENCE, ADVANCED.

Bertrand, Clemence.
Cox, Emma M. (Mrs.).
Johnstone, Rebecca.
Marriage, Frederick T.
Moore, Francis W.
Smith, George P.
Sykes, W. A. M.
Towell, Albert S.

ART, PRELIMINARY.

Adam, Grace.
Bickle, Eva G.
Blair, Eva G.
Blair, Elizabeth J.
Bruce, Edith M.
Bonsall, Marjorie.
Bossi, Olga L.
Boyden, Dorothy F.
Creeden, Irma.
Devereaux, Augustus.
Dicken, Isabel.
Down, Florence T.
Harper, Constance.
Harries, S. Oswald.
Irvine, Ada E.
Johnston, Bessie.
Johnston, Lillian C.
Laxton, Dorothy.
Laxton, Margaret.
Masterton, Robert B.
Mayovsky, May R.
McCreery, Paul L.
Mercer, Annie Mildred.
Miller, Elizabeth J.
Millington, Mabel V.
Morrow, Mary K.
O'Brien, Bertha.
Parsons, Margaret L.
Stuart, Edna M.
Somerville, Chester.
Vickers, V. Eleanor.

ART, ADVANCED.

Ashmore, Mary.
Barron, Thos.
Blacklock, Marion.
Creeden, Elsie.
Crocker, Nellie F.
Hardwick, Margaret S.
Huntley, Irene A. H.
Lambert, Olga E.
MacDonald, Rachel.
Morley, Elizabeth Mary.
Morriss, May.
Sanderson-Mongin, Elma.
Watson, Violet.

MANUAL ARTS.

Abey, Olive Valentine.
Anderson, Bernice E.
Beane, Agnes.
Bell, Edith Mary.
Bendall, Edith.
Blakeley, Ione O.
German, Clementina I.
Henderson, Winnifred C.
Hayes, Winnifred P.
Jackson, Wilma.
Leary, Daisy A.
Litch, Eleanor W.
Lawrence, Florence Kathleen.
McKinnon, Mary H.
MacKay, Minna G.
McIntyre, Gertrude.
Richards, Jennie M.
Steen, C. Olive.
Stuart, Jessie A.
Sheepy, Janet.
Smith, Mary.
Sargent, B. Hazel.

MANUAL TRAINING, B CLASS.

Bryant, Thos.
Crabb, Chas.
Johnston, John C.
Lawrence, Samuel H.
Middleton, Walter T.
Moore, Samuel.
Muir, John N.
Prescott, Thos.
Shore, John W. B.

MANUAL TRAINING, C CLASS.

Davidson, Donald.
Fidler, Frank.
Groesbeck, James R.
Hale, Montague.
Hunter, James W.
Lawrence, Frank.
Lowe, Frederick.
Poole, Harry.
Smith, Alexander.
Watson, John H.
Webb. Harry L.
Wilson, William.

MANUAL TRAINING, D CLASS.

Cameron, Chas. A.
Cameron, Donald S.
Jamieson, Alex. G.
Jones, Alex. W.
Marrion, Arthur G.
Morris, Frank G.
Plenderleith, Wm. A.
Roberts, George.

HOUSEHOLD SCIENCE, A CLASS.

Allan, Mabel R.
Harrison, Ina L.
Reekie, Annie St. C.
Russell, Elizabeth C.
Waugh, Agnes.

HOUSEHOLD SCIENCE, B CLASS.

First Year.

Allan, Agnes M.
Blankenbach, Marian E.
Bruce, Hannah B.
Brydon, Jane Dalgleish.
Bromley, Mercy.
Hadfield, Nellie.
MacDonald, Mary A.
McKay, Ruth Boyne.
Reilly, Belle H.
Robertson, Isabella.
Wilkinson, Margaret C.

Second Year.

Anderson, Alice.
Cockburn, Kathleen.
Darlington, Ella.
Hutchison, Bridget.
Love, Kate E.
MacLeod, Helen E.
Murray, Caroline E.
Murray, Christina P.
Robinson, Ada Lillie.

HOUSEHOLD SCIENCE, C CLASS.

Allan, Bessie.
Brown, Mildred May.
Davidson, Margaret G.
Dutcher, Grace E.
Rabb, Vida Bernice.

VOCAL MUSIC AND ELOCUTION.

Carr, Nina M.
Chandler, Miriam.
Giberson, Ellen M.
Hallowes, Katherine B.
Keenan, Mary Melisse.
Lettice, Edith M.
Likeman, James.
MacDonald, Dolena R.
Marquart, Wilhelmina M.
Milley, Elfreda.
Taylor, Elizabeth P.
Taylor, Ruth.
Thain, Annie C.
Warner, Gertrude.
Warner, Mabel A.
Wood, Grace B.

GENERAL SCIENCE AND ART.

Adams, Vera.
Brockwell, Muriel A.
Burbridge, Charles.
Chapman, Arthur A.
Drader, Cecil R.
Girling, R. H. L.
Johnson, Margaret A.
Keatley, Sara E.
McConnell, Roy K.
Pollock, Thressa.
Pollock, Russell C.
Schwesinger, Gladys C.
Stewart, Ruth Olive.
Welsh, Duncan J.
Whelen, Lyle.

FIRST-AID CLASS.

Miss Chandler.
Miss McKay.
Mrs. Love.
Miss Reilly.
Miss McKinnon.
Miss Harper.
Mr. Marriage.
Mr. Lowe.
Mr. Lawrence.
Mr. Johnston.
Mr. Shore.
Mr. Webb.
Mr. Hale.
Mr. Groesbeck.
Miss Litch.
Miss Murray.
Miss I. Reilly.
Mrs. Parsons.
Miss F. K. Lawrence.
D. Davidson.
Miss Ruth Taylor.
J. O. Welsh.

HOME-NURSING CLASS.

Miss Millery.
Miss Blakeley.
Miss Schwesinger.
Miss Stewart.
Miss Bonsall.
Miss C. Johnston.
Miss Dicken.
Mrs. Parsons.
Mrs. Ashmore.
Miss Topper.
Miss Sheepy.
Miss B. Johnston.
Miss E. J. Blair.
Miss Isabel Robertson.
Miss M. G. MacKay.
Miss Agnes Beane.
Miss V. Rabb.
Miss Lily Christie.
Miss Ruth Taylor.
Miss I. Harrison.

I have, etc.,

J. W. GIBSON,
Director of Elementary Agricultural Education.

TECHNICAL EDUCATION.

REPORT OF THE ORGANIZER.

VICTORIA, B.C., December 31st, 1919.

S. J. Willis, Esq.,
Superintendent of Education, Victoria, B.C.

SIR,—I beg to submit the following report on manual training, domestic science, night-schools, and technical education generally for the year 1918-19:—

MANUAL TRAINING AND DOMESTIC SCIENCE.

In connection with the subjects under the above heading, it is gratifying to report that the Department of Education stands behind the progressive movement for installing manual-training and domestic-science equipment in the elementary schools of the Province.

The Department is fully aware that a Dominion-wide system of industrial training is necessary to the economic prosperity and supremacy of Canada. It is therefore prepared to assist school trustees by paying a grant amounting to 50 per cent. of the cost of equipment. Few people realize that only one other Province in Canada gives more liberal assistance for such training, and British Columbia has good reason to be proud of her seventy-two manual-training centres and of the forty-nine centres wherein domestic-science subjects are taught. As a means of education and training the work conducted in these centres has proved to be both effective and popular. Generally speaking, the courses continue to be well taught throughout the Province, and the best results are found accompanying the closest co-ordination between the hand-work and the class-room studies. School principals should therefore visit the Manual Training and Domestic Science classes frequently and make sure that everything possible is done to correlate and link together the two types of training.

During the year twelve additional manual-training teachers have been engaged and eight manual-training centres have been equipped. In domestic science there has been an increase of four instructors and an addition of four new centres, all of which is exceedingly creditable, considering the spirit of economy which is abroad in the land.

Classes in Manual Training and Domestic Science were conducted in the following cities: Armstrong, Chilliwack, Cranbrook, Kelowna, Nanaimo, New Westminster, Nelson, Prince Rupert, Vancouver, Vernon, and Victoria. Similar classes were held in the following municipalities: Burnaby, Chilliwack, Delta, Esquimalt, Maple Ridge, Penticton, Point Grey, Richmond, Saanich, Summerland, and South Vancouver.

The following statistics for 1919 may be of interest and are here inserted:—

72 manual-training centres.
58 instructors of manual training.
7,324 pupils from elementary schools receiving instruction.
1,527 pupils from high schools receiving instruction.
49 domestic-science centres.
39 instructors of domestic science.
5,172 pupils from elementary schools receiving instruction.
1,476 pupils from high schools receiving instruction.

It is again necessary to draw attention to the fact that in many manual-training centres there is still too little attention paid to the condition of the tools. Sharp tools, as well as workmanlike methods in carrying out the exercises, should be insisted upon. Filing and sand-papering are still very much overdone, and it may also be pointed out that, unless boys are required to remove their coats and don the workman's apron, the craftsman spirit is not likely to be fostered. When master and pupils are suitably garbed an attendant businesslike energy is usually noticeable.

As the time element should enter into the making of all projects in the manual-training workshop, instructors should emulate the approved methods and standards of time set by the trade. It is in this respect and to this extent that the vocational attitude of hand-work will prove to be the educational attitude.

It is with much pleasure that I report on the complete success of the work done by the manual-training teachers who have come from the ranks of craftsmen. In the classes taught

by most of these men the pupils reflect a dexterity and precision in handling the tools, an energy and speed of accomplishment, and an attention to the working qualities of the tools, all of which add inestimable value to the training received.

No supervisor of manual training has yet been appointed for Vancouver City, although that Board engages the services of twenty-one instructors. If some one were placed in charge of this work a higher standard of efficiency would undoubtedly result. It is therefore to be trusted that Vancouver Board of School Trustees will no longer delay in restoring pre-war conditions; that is, not only appoint a supervisor of manual training, but also supervisors of domestic science and sewing.

Domestic Science.

Domestic-science teachers in the Province have been left free to arrange their lesson-charts in order that they may make their work suit the community in which they find themselves placed. In many centres, however, there is still a tendency to teach too much theory during the first year. It is not to be inferred from this statement that no reasons should be given while practising the art of cookery, but merely that the theory should follow the practice, emphasis being placed on the latter during the early lessons and attention gradually increased on the former as the girls grow older. The Courses of Study in Domestic Science are frequently scrappy and poorly graded, a lack of attention being given to judicious repetition and a building of the unknown upon that which is already known and understood. Care should also be taken to develop habits in domestic-science centres which are above reproach, and no girls should be found cooking without aprons and caps nor sewing without thimbles.

No time should be lost by the Department of Education in appointing a Provincial supervisor of domestic science, in order that all centres may be closely inspected and desirable assistance rendered to the instructors who have received their training in many different countries.

While the subjects of cookery and sewing are already taught in the Normal School at Victoria, no instructor has as yet been appointed to the sister institution in Vancouver. Such a step seems to be necessary in order to equalize the curriculum in these two schools.

The training of domestic-science teachers in British Columbia should also be commenced. At present there is a great dearth of such instructors in Canada, and, provided grade teachers of good scholarship and experience are secured as students, there is no reason why an effective training course should not be given in this Province.

High School Technical Course.

The Technical Course in King Edward High School, Vancouver, which parallels the classical courses, has now been in existence for three years, but it is to be regretted that no technical school is yet in operation to which those students who have completed the course could graduate. The University of British Columbia, however, has agreed to accept as partial students those who pass a matriculation examination in technical subjects. Twelve students sat at the June examination and eleven of these were successful.

The work of this Technical Course has been severely handicapped by want of workshop facilities and by the crowded condition of the class-rooms. While in the foremost technical high schools in the world the students of practical work are restricted to classes of from fifteen to twenty, in King Edward High School some of the classes range from thirty-five to forty. In the early stages of arranging a new course difficulties of this kind are almost inevitable. It is reasonably sure, however, that relief will soon be forthcoming, and that a fully equipped technical school will be provided in which students who intend to enter industrial life may receive adequate preparation for their chosen vocation.

In spite of adverse conditions mentioned above, an admirable *esprit de corps* is apparent among the pupils, and one can see educational possibilities of great magnitude in course of development.

Home-makers' Course.

This course for girls in King Edward High School, Vancouver, is now in its third year and is arranged to give training to potential home-makers. In conducting the work it was soon realized that an excellent preparation was also being given for that industrial life to which many girls gravitate after leaving school. Three years, moreover, at this Household Science Course was found to form a fitting introduction to the Normal School and teaching profession. Thus it is expected that the Home-makers' Course will become increasingly popular.

Want of accommodation and lack of the necessary equipment prevent the original plans for this course from maturing as one would wish, but the aim is to put emphasis on the following subjects: English, arithmetic, French, drawing and design, music, cookery, sewing and dressmaking, millinery.

An endeavour is being made to impress the British Columbia University authorities with the necessity of introducing a Household Science Course. Such a course is already to be found in Columbia University, New York, and also in London University, England, and when one of a similar nature is introduced into the University of this Province arrangements will be completed to enable girls to matriculate from the Home-makers' Course to that institution.

NIGHT-SCHOOLS.

There were great hopes that when manual-training and domestic-science centres were equipped in many of the smaller cities they would not only be occupied in the daytime, but also be used for night-school activities in some of the following subjects: Draughting and workshop arithmetic, carpentry, joinery and building construction, cabinetmaking, machine construction and drawing, cookery, dressmaking and millinery.

These hopes have not yet materialized to any great extent, and an increased effort will be made during the coming year to further progress in this direction.

School trustees do not fully realize the important work which remains to be done at night-schools among those boys and girls who leave school to go to work at fourteen years of age. When these young people become aware of their educational deficiencies they should have the opportunity presented to them of gaining that knowledge the necessity for which has been impressed upon them as a result of their experiences. They are then induced to attend night-schools of their own volition, which is in every way preferable to being sent to school.

During 1918-19 night-schools were held in the following places:—

Chilliwack	113	students, with 5	courses of study.
Coal Creek	15	" 1	"
Cumberland	20	" 1	"
Denman Island	17	" 1	"
Fernie	66	" 3	"
Ladysmith	96	" 6	"
Nanaimo	140	" 5	"
North Vancouver	165	" 5	"
Nelson	23	" 1	"
New Westminster	197	" 8	"
Ocean Falls	28	" 2	"
Union Bay	10	" 1	"
Vancouver	1,476	" 27	"
South Vancouver	279	" 6	"
Victoria	523	" 17	"

The courses of study embrace commercial subjects, machine construction and engineering, metallurgy, coal-mining, drawing and design, cookery and dressmaking.

In the larger cities a serious effort should be made by the school trustees to gain the assistance of advisory committees. These should be appointed from men and women directly engaged in industrial pursuits. Such committees have a permanence which is absent from School Boards, and they have likewise another advantage, inasmuch as they are appointed because of their special knowledge of the vocation in which they are engaged and are interested.

An extensive publicity campaign to advertise night-schools should also be undertaken by School Boards at the beginning of every winter session. It is time to take a lesson from those private firms who make a business of conducting night-schools for profit, and who placard the cities with huge posters every year. The possibilities of increasing attendance are wonderful, once the School Boards realize the necessity of advertising and popularizing that training which they have in their power to offer.

CORRESPONDENCE COURSES IN COAL-MINING AND MINE SURVEYING.

For some years past the Department of Education has conducted night-schools for men engaged in the coal-mining industry, in order to provide the requisite training for the examinations held by the Department of Mines. The conditions of the shift system, however, under which the miners work, militated against the complete success of this venture; and with a view

Equipment used in rural schools for lessons based on the hot lunch.

Free pattern-cutting and sewing course for elementary schools.

Girls of the Home Economics Course, King Edward High School, Vancouver.

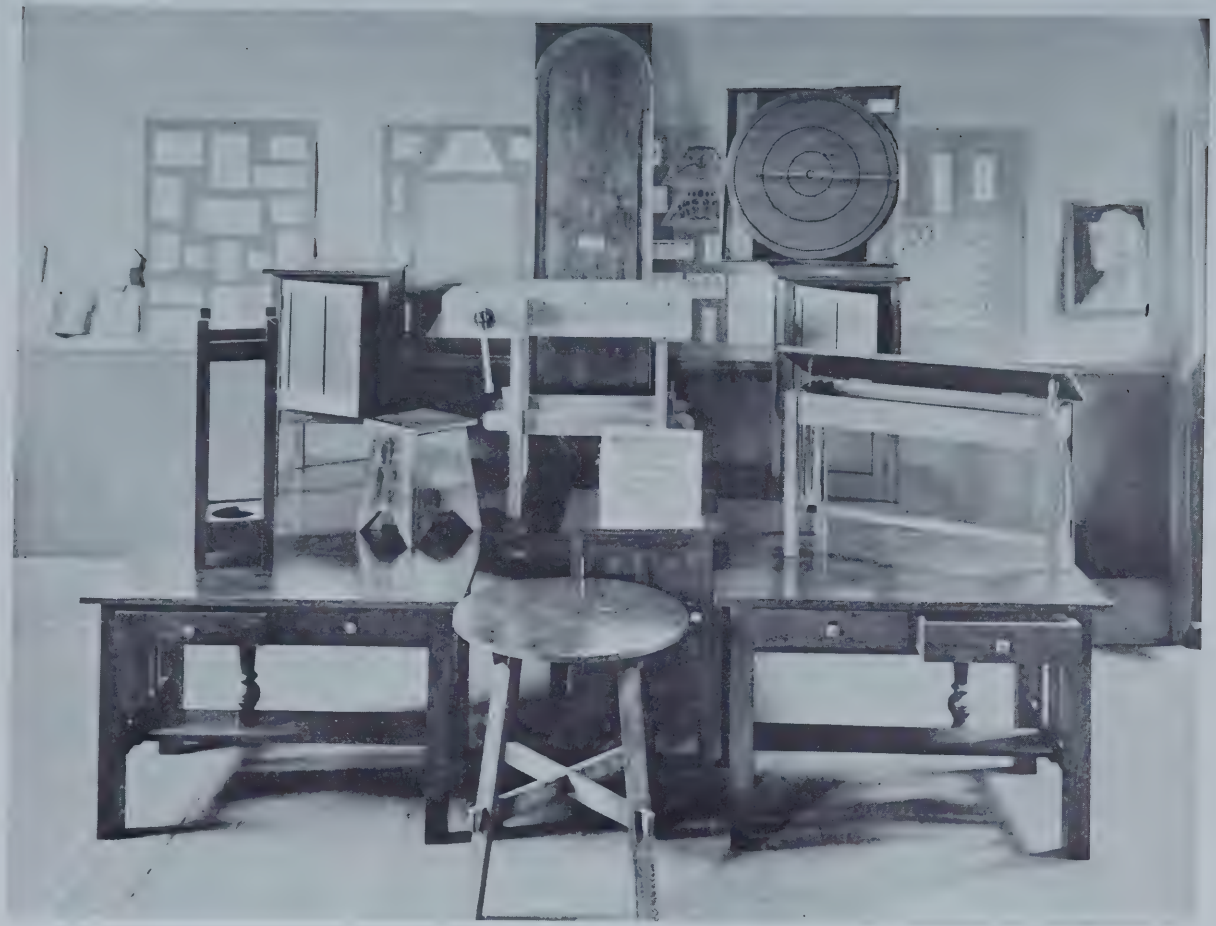
Girls of the Home Economics Course, King Edward High School, Vancouver.

High School Sewing Course. Work of summer-school students.

High School Dressmaking Course. Work of summer-school students.

Applied design as taught in high schools.

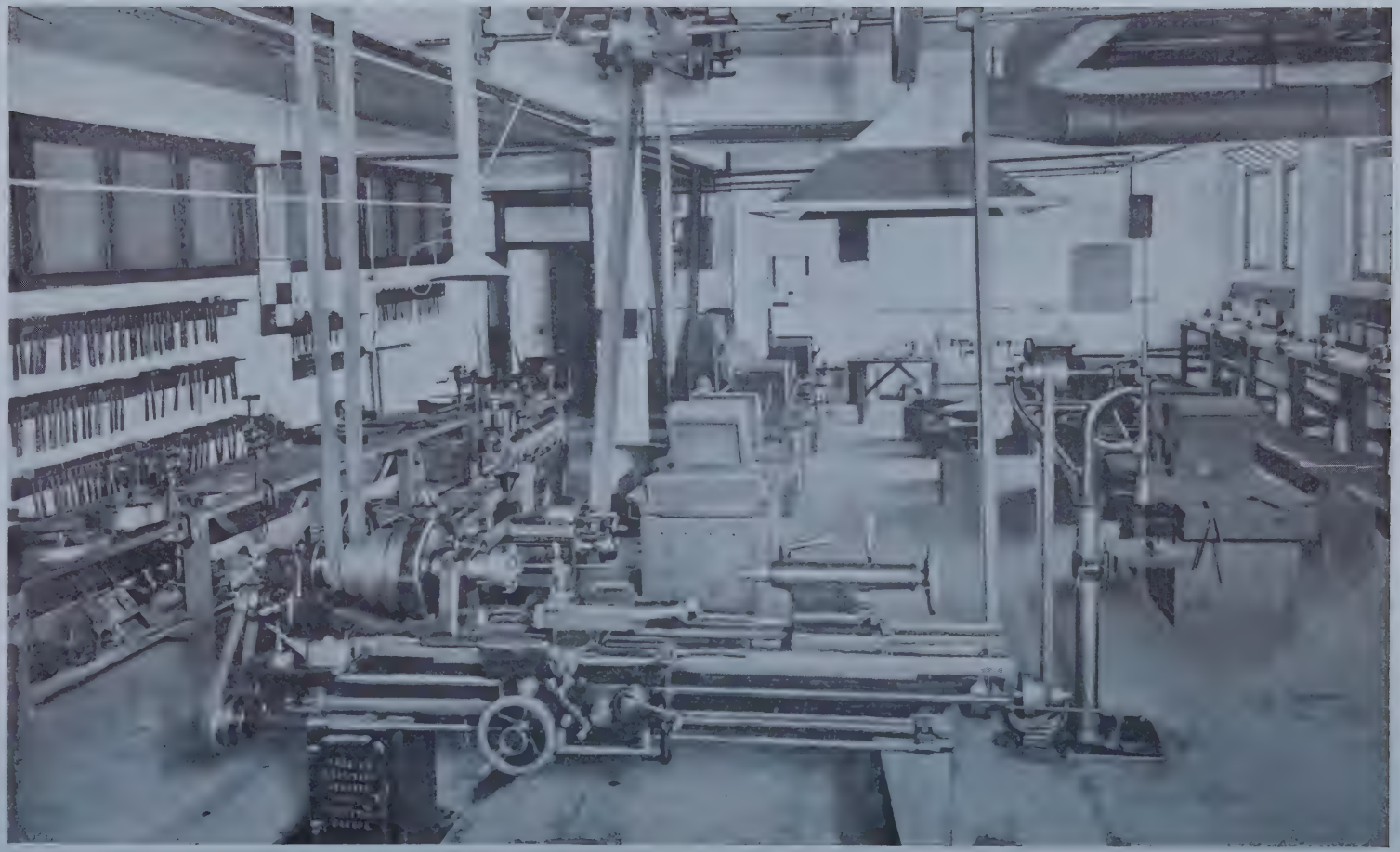
Manual-training projects from Saanich Rural Municipality schools, Vancouver Island.



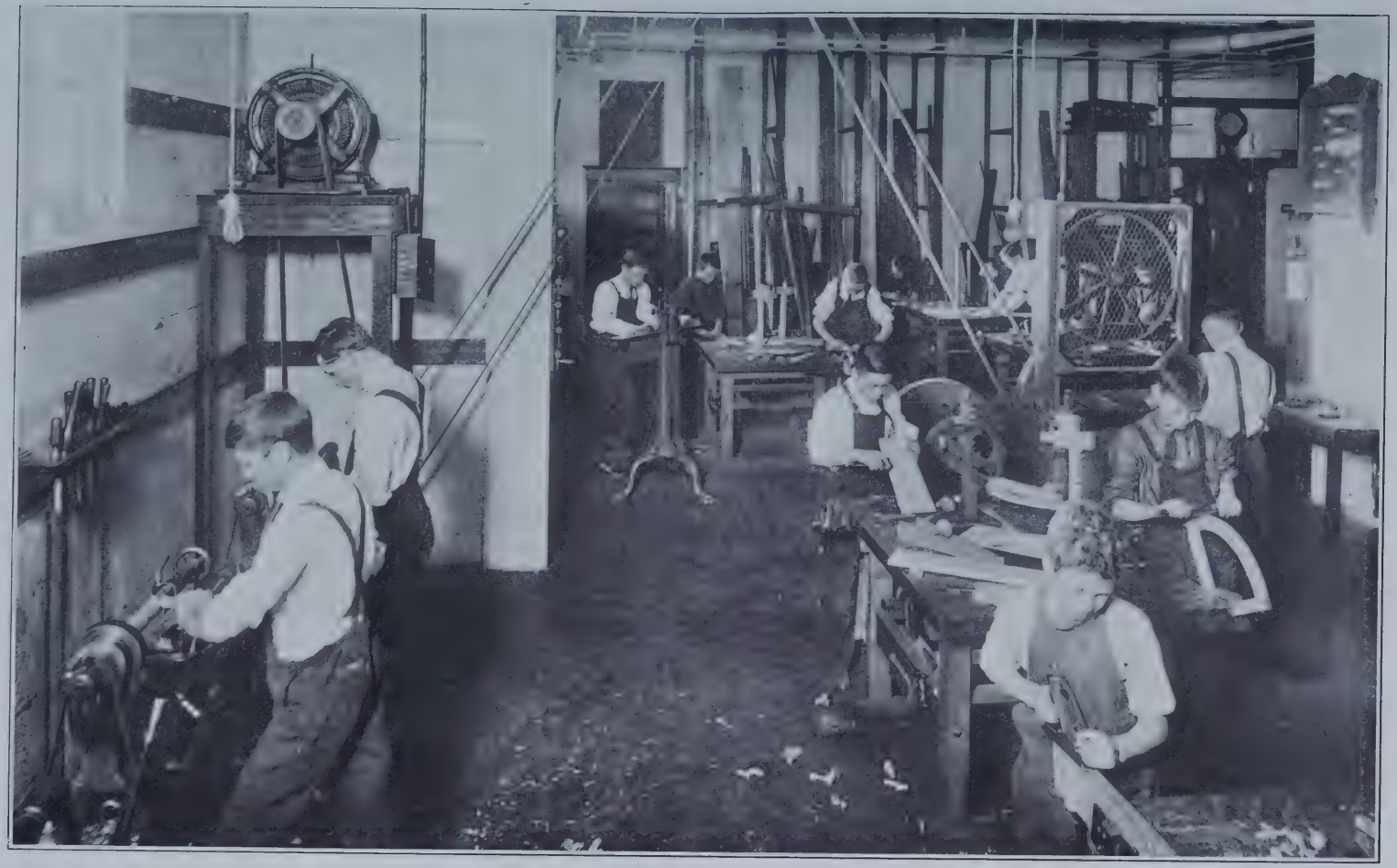
Group of projects from night-school class, Victoria.

Group of manual training, elementary-school projects. Work of summer-school students.

Group of manual training, high-school projects. Work of summer-school students.



Metal-work equipment, King Edward High School, Vancouver.



King Edward High School. Technical class in wood-working shop.

King Edward High School. Technical class in wood-working shop.

King Edward High School. Technical class in metal-working shop.

King Edward High School. Technical class in electrical laboratory.

to overcoming this difficulty, as well as of bringing the opportunity of advancement within the reach of a greater number of men, it was decided to conduct the classes through the medium of correspondence. The Education Department engaged the services of a thoroughly qualified and competent mine manager as instructor, one who not only holds first-class papers in this Province, but similar credentials from Alberta and Nova Scotia. A course of study was then outlined, having a direct bearing on the work which must be mastered by those who seek certificates as shotlighters, overmen, and mine managers. The course commenced in April, 1919. At present there are seventy-eight students enrolled and gratifying results are being secured. A wide dissemination of accurate knowledge of the nature of the gases met with in coal-mines, of the conditions which lead to explosions, the principles of ventilation, the constitution and proper handling of explosives, and of the other kindred and allied subjects which constitute a good part of the subject of coal-mining cannot help but raise to a higher state of efficiency the future officials of the collieries.

A preparatory course leading up to the examinations held by the Department of Mines is also provided for boys who have left school at fourteen years of age to engage in work at the mines. It is thus hoped, during the waiting or probationary period, which closes at twenty-three, not only to give these lads valuable training, but also to foster their ambition for promotion to responsible posts.

In addition to the Mining Courses described above, the Department of Education realized that something should be done to assist those children who are living in isolated districts in the Province and who have not the opportunity of attending a public school. Consequently it was deemed advisable to offer them free instruction by the correspondence method and at the same time to supply them with the necessary free text-books. This offer has been accepted by eighty-six children, thirteen of whom are living at the various lighthouses on the Coast of British Columbia. From information received this unique educational step has been the means of bringing a note of pleasure and profit into their otherwise lonely lives.

In connection with this matter, it might be stated that British Columbia is the only Province in the Dominion that is offering such facilities for the education of those children who are deprived of attendance at public school.

Technical Schools.

It should be stated that the Department of Education will actively assist in establishing technical schools throughout the Province. Besides a grant to help in equipping such schools, half of the salary schedule in payment of instructors of technical subjects will be paid by the Education Department, and further assistance will be given towards maintenance. It has been proved beyond a doubt in European countries that technical schools make effective training centres for industrial enterprise, and as Canada's prosperity depends upon keeping a balance of trade in its favour it is incumbent upon British Columbia to support every movement which will make for increased and improved production.

In 1913 an adverse trade balance in Canada reached the sum of $314,000,000, while this year the position is entirely reversed, and a favourable trade balance of $284,000,000 remains. The only way that such a fortunate position can be maintained is to effectively train the men who are engaged in the work of production. The trained mind is understood to be the greatest producing agent in the world, and it is from schools of technology that trained producers must come. For this reason the Department of Education does not intend to lag behind in making preparations for the industrial race.

Junior Technical Classes.

When suitable technical schools are established in the Province it will then be possible to introduce a type of training to suit the great number of pupils who leave day-school without ever reaching the entrance to High School class. In last year's report I alluded to the fact that experience in many places in Canada and in the United States of America proved that many of those pupils would continue at school were it possible to give them a change of work. It is to take care of such pupils that prevocational schools should commend themselves to school trustees, who must be aware of the exodus from their schools of boys and girls insufficiently prepared to meet the demands of the industrial world.

I have, etc.,

John Kyle,

Organizer of Technical Education.

FREE TEXT-BOOK BRANCH.

ANNUAL REPORT.

EDUCATION DEPARTMENT, FREE TEXT-BOOK BRANCH,
VICTORIA, B.C., October 31st, 1919.

Alexander Robinson, Esq.,
Superintendent of Education, Victoria, B.C.

SIR,—I beg to submit the following report on the work of the Free Text-book Branch for the school-year ending June 30th, 1919:—

RETURNS FOR 1918-19.

With three exceptions, all the annual reports of free text-books for 1918-19 are now on file. It is probable that the delayed returns will be secured when the schools concerned are reopened. The reports on file (881) were prepared in the great majority of instances with considerable care. It was found, as in former years, that free text-book records usually suffered when a change of teacher occurred in any school. Complaints are entered in the returns under review that teachers left these records (Stock Account and Pupils' Account) in such an incomplete condition that their successors had the utmost difficulty in determining how many books had been on hand at the opening of the year, how many had been received, to whom they had been issued, and when.

A *complete return* of all library books issued to any school is required to be made in annual report. In some instances this was not done, no account having been taken of such books in the hands of assistant teachers. At the close of the school-year all books of this kind issued at any time by the principal to his assistants should be brought back to the library, so that a complete return of library books may be made in the annual report. The loss of any of these books should be made good by the person to whom issued. The list of library books referred to is as follows: Syllabus of Physical Exercises; Canadian Civics; Teaching Writing, Books 1-4; World Relations and the Continents; Children's Story of the War; Supplementary Readers (free text-books); Essentials of Health (retained for the library in common and graded schools); The Rhodes Scholarships; Flora of Southern British Columbia; Teacher's Handbook to Beginner's Reader.

In addition to the number of books given to pupils during the year and duly recorded in Pupils' Account of Teacher's Record as per "giving" plan in operation since 1912, the annual returns state the number sold to the pupils of night-schools or to those pupils who are required to replace lost or destroyed texts, the number missing from the general stock or destroyed for any valid reason, as well as how many of the books in reserve stock are in good condition and fit to be issued this year. The following summaries of (1) "Books Given," (2) "Books Sold to Pupils," (3) "Books Missing or Destroyed," and (4) "Reserve Stock in Good Condition" have been compiled from the 881 annual reports for 1918-19 now on file:—

(1.) *Books Given.*—15,936 Primer (B.C. Beginner's Reader as First Primer and B.C. Phonic Primer as Second Primer); 32,463 Reader (B.C. First Reader, B.C. Second Reader, B.C. Third Reader, B.C. Fourth Reader, N.C. Third Reader, N.C. Fourth Reader, N.C. Fifth Reader); 18,774 Arithmetic (First, Second, Third); 8,037 Universal Spelling Book; 55 Essentials of Health; 5,910 How to be Healthy; 5,909 Elementary Agriculture and Nature Study; 1,912 Latin Lessons; 7,722 First Steps in English; 6,021 History of Canada; 5,947 Public School Grammar; 137 Canadian Civics; 349 World Relations and the Continents; 141 Flora of Southern British Columbia; 140 Teacher's Handbook to Beginner's Reader; 129 Syllabus of Physical Exercises; 137 Teaching Writing, Books 1-4.

NOTE.—Canadian Civics, World Relations, Flora of Southern British Columbia, Handbook to Beginner's Reader, Syllabus of Physical Exercises, and Teaching Writing were given to Normal School students.

(2.) *Books Sold to Pupils.*—43 B.C. Beginner's Reader; 35 B.C. Phonic Primer; 17 B.C. First Reader; 64 B.C. Second Reader; 112 B.C. Third Reader; 15 B.C. Fourth Reader; 5 N.C. Fourth Reader; 8 First Arithmetic; 7 Second Arithmetic; 13 Third Arithmetic; 12 Universal Spelling Book; 1 Essentials of Health; 2 How to be Healthy; 1 Nature Study; 1 First Steps in English; 1 History of Canada; 26 Drawing Books; 3 Writing Books; 4 Heart of Oak Books; 1 Art-Literature Primer; 1 Art-Literature, Book Two.

NOTE.—The sums received on account of the sale of these books are partly included in first amount mentioned later on in this report under the head of "Supplies Issued"—viz., $1,300.30. All sums from this source on account of 1918-19 received after July 1st, 1919, will appear in report for current school-year.

(3.) *Books Missing or Destroyed.*—73 B.C. Beginner's Reader; 50 B.C. Phonic Primer; 22 B.C. First Reader; 20 B.C. Second Reader; 25 B.C. Third Reader; 6 B.C. Fourth Reader; 6 N.C. Third Reader; 14 N.C. Fourth Reader; 21 N.C. Fifth Reader; 17 First Arithmetic; 21 Second Arithmetic; 29 Third Arithmetic; 38 Universal Spelling Book; 47 Essentials of Health; 12 How to be Healthy; 12 Nature Study; 13 Latin Lessons; 17 First Steps in English; 15 History of Canada; 19 Public School Grammar; 13 Canadian Civics; 22 World Relations; 88 Heart of Oak Books, Book One; 99 Art-Literature Primer; 120 Art-Literature, Book One; 121 Art-Literature, Book Two; 90 Progressive Road to Reading, Book 3A; 10 Flora of Southern B.C.; 13 Teacher's Handbook to Beginner's Reader; 16 Teaching Writing, Books 1-4; 15 Syllabus of Physical Exercises; 2 Black Diamond Readers (for night-schools).

(4.) *Reserve Stock in Good Condition.*—5,046 Primer (B.C. Beginner's Reader and B.C. Phonic Primer); 6,487 Reader (B.C. First Reader, B.C. Second Reader, B.C. Third Reader, B.C. Fourth Reader, N.C. Third Reader, N.C. Fourth Reader, N.C. Fifth Reader); 5,388 Arithmetic (First, Second, Third); 1,919 Universal Spelling Book; 1,387 How to be Healthy; 1,421 Nature Study; 544 Latin Lessons; 1,734 First Steps in English; 1,304 History of Canada; 1,577 Public School Grammar.

The reserve stock of bound books for the use of pupils at the various public schools of the Province on June 30th, 1919, summarized under (4) has already been utilized in supplying these schools for the present term (1919-20). The printed form of requisition for free text-books which is required to be used on all occasions contains a column for the respective numbers of all books in reserve as well as for the respective numbers ordered. There is a third column in requisition form for the respective numbers of promotions to the various classes or for the respective numbers of pupils to be provided for. Special attention is directed to it by a note in the right margin of printed requisition form, but, like many other notes, it is not always heeded.

All the information called for by the printed form of requisition is required to be supplied. Notwithstanding the full instructions conveyed by a special circular, it was necessary to return for completion or explanation some 202 of the 2,031 public-school requisitions presented during 1918-19. Although this represents nearly 10 per cent. of the total number of public-school requisitions dealt with during 1918-19, it is a better record than that for 1917-18.

SUPPLIES ISSUED.

The number of public schools (common, graded, superior, high, etc.) furnished with supplies of some kind during 1918-19 was 889. The list is as follows: 2 Provincial Normal Schools (Vancouver and Victoria), Model School (attached to Provincial Normal School, Victoria), Boys' Provincial Industrial School, Girls' Provincial Industrial School, 529 rural schools, 193 district municipality schools, 99 city graded schools, 45 high schools, 16 superior schools, and 2 night-schools. Requisitions to the number of 2,031 were required to be filled in order to meet the needs of these schools. This called for the shipment to all parts of the Province of 866 cases and 1,532 parcels, the total weight of which was 169,455 lb. During the year's transactions only two packages of books were lost in transit, but it is satisfactory to be able to report that the value of one of these ($12.14) was promptly refunded by the transportation company concerned. Duly signed receipts for all these shipments (2,031) are with four exceptions now on file at the Free Text-book Branch. Before this number came to hand duly signed, 276 requests for the return of receipts had been addressed to the Secretaries of School Boards, 120 copies of receipts supplied, and 12 receipts returned to Secretaries for signature. In 35 instances more than one request had to be made before required receipt came to hand. Frequent reference has been made to like experiences in previous years. The period under review has shown an improvement in the matter of business promptitude on the part of school officials, but reference to the figures given above indicates that conditions are still very far from being satisfactory. The plan of supplying an addressed envelope with each advice of shipment (receipt) has apparently helped in securing the prompt return of receipts. It may not be out of place at this point again to remind those concerned of the regulation that all required receipts and returns for the term

or the school-year must be on file at the Free Text-book Branch before additional supplies will be issued to any school.

In addition to the 2,031 requisitions which were filled in order to meet the needs of the public schools in 1918-19, the Free Text-book Branch honoured 319 requisitions for departmental purposes and for those who required to purchase school supplies. These orders added 9 cases and 392 parcels (weighing in all some 2,853 lb.) to the list of shipments for the year. The sum of $1,300.30 was received under this head and paid into the Provincial Treasury. It may be explained that the amount just named includes only in part sums received for "Books Sold to Pupils" during 1918-19. Refunds for loss of package already mentioned ($12.14), on account of overcharges for transportation (35 cents), and for storage ($1.45) are also included in this amount ($1,300.30).

The total number of free text-books, etc., issued during 1918-19 to the public schools of the Province was as follows: 8,396 B.C. Beginner's Reader; 181 Teacher's Handbook to Beginner's Reader; 7,595 B.C. Phonic Primer; 7,421 B.C. First Reader; 7,962 B.C. Second Reader; 8,575 B.C. Third Reader; 2 N.C. Third Reader; 6,213 B.C. Fourth Reader; 2,663 N.C. Fifth Reader; 7,049 First Arithmetic; 6,637 Second Arithmetic; 4,409 Third Arithmetic; 14,295 New Method Writing Pads, Part I.; 8,340 New Method Writing Pads, Part II.; 63,273 Writing Book; 49,582 Drawing Book; 1,390 Supplementary Reader (Heart of Oak Books, Book One; Art-Literature Reader, a Primer; Art-Literature Reader, Book One; Art-Literature Reader, Book Two; Progressive Road to Reading, Book 3A); 7,993 Universal Spelling Book; 42 Essentials of Health; 5,778 How to be Healthy; 5,793 Elementary Agriculture and Nature Study; 2,023 Latin Lessons; 7,713 First Steps in English; 156 Canadian Civics; 172 Syllabus of Physical Exercises; 427 World Relations and the Continents; 5,967 History of Canada; 5,889 Public School Grammar; 150 Teaching Writing, Books 1-4; 2 Rhodes Scholarships; 210 Flora of Southern British Columbia; 419,415 sheets Drawing Paper, 9 x 6 inches; 28,310 sheets Drawing Paper, 9 x 12 inches; 125 Union Jacks (3-yard Jack); 6 Children's Story of the War, Nos. 1-6; 9 Children's Story of the War, Nos. 25-27; 645 Children's Story of the War, Nos. 28-30; 9 Children's Story of the War, Nos. 31-39; 16,656 Children's Story of the War, Nos. 31-42; 3,309 Children's Story of the War, Nos. 43-45; 19 "Scrap of Paper"; 34 "Fathers of Confederation"; 32 Globe; 31 Map of British Isles; 32 Map of British Columbia; 33 Map of Dominion of Canada (large); 33 Map of World; 37 Map of North America; 2 Girls' Home Manual.

At the prevailing retail prices the books and other supplies issued by the Free Text-book Branch to the 889 common and other schools already mentioned would have cost the large sum of $80,200.10.

EXPENDITURE.

The chief expenditure of the Free Text-book Branch for 1918-19 was made up as follows:—

Text-books, etc.	$51,925 42
Freight and drayage	3,179 88
Distribution (freight, boxes, etc.)	2,091 99
Salaries of staff	5,151 50
Temporary assistance	502 85
	$62,851 64

As already stated, the Free Text-book Branch distributed during the past school-year text-books and other supplies which would have cost parents and School Boards $80,200.10. To purchase and distribute these among the various schools of the Province through the Free Text-book Branch required an expenditure of $57,069.06, made up as follows:—

Text-books (laid-down cost)	$49,322 93
Distribution (freight, boxes, etc.)	2,091 99
Salaries of staff	5,151 50
Temporary assistance	502 85
	$57,069 27

The saving on the year's transactions is, therefore, $23,130.83. It may be explained, however, that the outlay for postage on parcels of free text-books to various points is not included in "Distribution." A similar remark applies to other items, such as wrapping-paper, twine, office supplies, etc. Were these included the saving for the year would be slightly reduced.

FREE TEXT-BOOKS IN USE.

The practice of addressing a printed inquiry to teachers about the free text-book system as applied in their schools was continued in 1918-19. The list of questions was the same as that adopted for 1917-18.

Practically all the expected replies (some 875) eventually came to hand and proved in the great majority of instances to be quite satisfactory. It was necessary, however, in the case of 167 replies (or over 19 per cent. of the total number) again to communicate with the makers. As in former years, important questions had been left unanswered, notwithstanding that instructions in printed form expressly called for an answer to every question; free text-book records were not available, or were incorrect, or had been neglected by the former teacher; free text-books prescribed for Senior Grade only (common and graded schools) had been issued to Intermediate Grade pupils. Of the last-named error, about 12 instances were reported; some of the replies displayed a good deal of ingenuity in an attempt to avoid the issue. All important errors revealed by the various replies were, as usual, reported to the several School Inspectors concerned.

NIGHT-SCHOOLS.

Of the night-schools in operation during the past school-year, 2 were supplied with books of some kind by the Free Text-book Branch.

Although the "giving" plan of dealing with free text-books has been adopted in the day-schools, yet the Education Department found it advisable to continue the "lending" plan in the case of night-schools. The books issued to pupils may, however, be purchased by them at the prices stated in official price-list; otherwise they are not allowed to be taken away from the class-room. Teachers, in order to guard against the loss of free text-books loaned to night-school pupils, have required a deposit at the opening of the term equal to the value of books supplied. At the close of the term this deposit is returned to the pupil on receipt of all the books issued to him.

It has been found necessary again to direct the attention of night-school principals and teachers to the preceding paragraph, which appeared in the reports of 1914-15, 1915-16, 1916-17, and 1917-18.

STANDARDIZATION OF TEXT-BOOKS.

The following announcement forms the second paragraph of Circular of Instructions to teachers dated May, 1919, and issued with requisition forms for this term's supply of free text-books:—

"The Education Department has decided, in accordance with the arrangement entered into by the four Western Provinces, to begin in September, 1919, the standardization of text-books. The first step in this direction will be the gradual displacement in the schools of the Universal Spelling Book by the introduction of the Public School Speller. In order that this change may be brought about in the most economical way, the Education Department directs that the Universal Spelling Books now in the hands of pupils as well as in the reserve stocks at the various schools be utilized until these pupils shall have completed the common or graded school course and the reserve stocks shall have been exhausted. The new spellers (Public School Speller) will therefore be issued only in case of promotions to the Intermediate Grade, and then only to supplement the supply of Universal Spelling Books already on hand, which, as already stated, must be utilized to the fullest extent. Additional copies of the Public School Speller will, however, be supplied on application in order that all the members of a class may have the same kind of text-book."

The paragraph quoted above also appears in Circular of Instructions dated November, 1919. To prevent any misapprehension it may be explained that the Universal Spelling Book is still an authorized text-book and as such must be utilized to the fullest extent; that is, must not be discarded except as permitted above. Reference to the Courses of Study (1919) will show that assignments in both Universal Spelling Book and Public School Speller are there outlined for the guidance of teachers.

NEW PRICE-LIST.

The attention of all interested is directed to the new price-list, revised August, 1919. At the prices given therein teachers are authorized as before to supply from the reserve stock (if any)

second copies of free text-books to pupils who may require to replace lost or destroyed texts. (The amounts received should preferably be remitted to the Free Text-book Branch at the time of sale.) It must be noted that in a very few instances are the prices higher than in the 1918 list. For convenience in ordering by mail, the postage on each book is given. The final paragraph points out that, in order to secure attention, each and every order must be accompanied by full list-price for all books ordered, together with necessary postage per copy as in list, and that in the case of orders from School Boards, accounts will be rendered for all purchases made.

THE CHILDREN'S STORY OF THE WAR.

All or nearly all the schools of the Province have now been supplied with the 56 numbers of "The Children's Story of the War," told for young readers by Sir Edward Parrott, M.A., LL.D.

It is once more urged that early steps be taken by School Boards to have the "Story" suitably bound, as it will thus form not only a valuable but a permanent addition to the school library. In a short time the opportunity to do so will pass, as the paper-covered numbers are rapidly becoming ragged and worn and will soon disappear. By way of helpful suggestion, it may be stated that Nos. 1-10, which make up Vols. 1 and 2, form a handy bound book; Nos. 11-22 (page 400 of the latter), which are Vols. 3 and 4, make a second book of the same size; a third book to contain Vols. 5 and 6 consists of Nos. 22-34 (page 1 of former to page 384 of latter); Nos. 34-46 (page 1 of former to page 384 of latter) comprise Vols. 7 and 8, or the fourth book, which brings the record of 1917 to a close; and the last or fifth book consists of Nos. 47-56 (page 1 of former to end of latter).

The cost of binding the five books just described should not exceed the sum of $2 per book, and the school library would be wonderfully enriched as a result of the expenditure. On application, the Free Text-book Branch will be glad to supply School Boards and teachers with the names of bookbinders as well as with the prices at which they are prepared to do this work. While the stock lasts, missing numbers of "The Children's Story of the War" will be replaced at 10 cents each (which includes postage).

ELEMENTARY AGRICULTURE AND NATURE STUDY.

The text-book in Elementary Agriculture and Nature Study (Brittain) until recently issued to common and graded schools is no longer assigned for the pupil's use. Copies of this text in reserve at the various schools will not be recalled, but will be allowed to remain as part of the library. A special outline of Nature Study and Primary Geography was, in October, 1919, issued to the teachers of common and graded schools; no text-book is prescribed for the pupil's use.

THE CANADA WAR BOOK.

In December, 1918, the Education Department received from the National War Savings Committee at Ottawa 30,000 copies of "The Canada War Book" for distribution among the school-children of British Columbia. Of these, some 25,000 were issued by the Free Text-book Branch during 1918-19. With each shipment there were sent a few copies of a leaflet addressed to "The Young People of Canada" and entitled "A Message about War Savings and Thrift Stamps." Copies of both "War Book" and "Message" continue to be issued as new schools are established.

The "War Book" contains 53 pages of printed matter and is divided into 12 chapters. In the first of the latter is given the reason for Canada's entry into the Great War. The aim of the whole book is, of course, to impress upon the children the importance as well as the need of saving at this time. The exhortation to thrift is, as it should be, only a part of the message. Then follow careful instructions not only in the details of saving, but for the investment of any surplus in War Savings and Thrift Stamps. The earning side is always important, but the investing side is no less important and heretofore has been too little dwelt upon. In connection with this matter, the advice of Benjamin Franklin may well be noted here: "Save, young man, and become respected and respectful. It is the surest way." To this is added the following of a more recent date accredited to Gladstone: "Economy is near to the keystone of character and success. A boy, if taught to save money, will rarely be a bad man or a failure; the man who saves will rise in his trade or profession steadily; this is inevitable."

I have, etc.,

DAVID WILSON,

Officer in Charge.

THE STRATHCONA TRUST.

Report of the Secretary, Local Committee, Strathcona Trust, for the Province of British Columbia, for the School-year 1918-19.

VICTORIA, B.C., October, 1919.

INSTRUCTION OF TEACHERS IN PHYSICAL TRAINING, 1918-19.

During the past year, 289 physical-training certificates, Grade B (Strathcona Trust Syllabus), were granted to prospective teachers in attendance at the Provincial Normal Schools (Vancouver and Victoria). About 3,014 teachers and prospective teachers of this Province have now qualified as physical-training instructors.

PHYSICAL TRAINING, 1918-19.

The list of Strathcona Trust prizes for excellence in physical training for the school-year 1918-19 is as follows:—

High Schools.

(J. B. DeLong, B.A., Inspector.)

1st Prize—Gordon Downes, 3rd Division, Oak Bay High School.
2nd Prize—Miss M. Brockwell, 2nd Division, Armstrong High School.
3rd Prize—Miss B. Macdonald, 2nd Division, Nanaimo High School.

1st prize, $21; 2nd prize, $18; 3rd prize, $15; amount expended under this head for 1918-19, $54.

Common and Graded Schools.

Inspectorate No. 1 (W. H. M. May, Inspector)—
1st Prize—Miss S. N. King, 8th Division, Victoria Boys' School.
2nd Prize—Miss H. Harrison, 8th Division, Cumberland Central School.
3rd Prize—Miss J. Polson, 2nd Division, Burnside School, Victoria.

Inspectorate No. 2 (W. N. Winsby, Inspector)—
1st Prize—Miss S. E. Hardy, 10th Division, Quennell School, Nanaimo.
2nd Prize—Miss M. L. Knappett, 3rd Division, Esquimalt Central School.
3rd Prize—W. de Macedo, 2nd Division, South Wellington School.

Inspectorate No. 3, Division 1 (J. T. Pollock, Inspector)—
1st Prize—Miss C. T. Murray, 16th Division, Dawson School, Vancouver.
2nd Prize—C. Logan, 2nd Division, Hastings School, Vancouver.
3rd Prize—J. N. Burnett, 2nd Division, Nelson Avenue School, Burnaby.

Inspectorate No. 3, Division 2 (G. H. Gower, M.A., Inspector)—
1st Prize—Miss M. Johnston, 2nd Division, Laura Secord School, Vancouver.
2nd Prize—Mrs. A. C. Huggett, 5th Division, Model School, Vancouver.
3rd Prize—Miss C. J. Holden, 5th Division, Florence Nightingale School, Vancouver.

Inspectorate No. 3, Division 3 (L. J. Bruce, Inspector)—
1st Prize—Miss M. Archibald, 14th Division, Mount Pleasant School, Vancouver.
2nd Prize—Miss E. A. Middlemiss, 5th Division, Henry Hudson School, Vancouver.
3rd Prize—S. J. Bryant, 2nd Division, Fairview School, Vancouver.

Inspectorate No. 4 (H. H. Mackenzie, B.A., Inspector)—
1st Prize—Miss G. A. Nutt, 4th Division, Queen Mary School, North Vancouver.
2nd Prize—Miss H. R. Anderson, 2nd Division, Lord Selkirk School, South Vancouver.
3rd Prize—Mrs. H. M. Jex, 7th Division, Sir Alexander Mackenzie School, South Vancouver.

Inspectorate No. 5 (John Martin, Inspector)—
1st Prize—W. T. Fennell, 1st Division, Herbert Spencer School, New Westminster.
2nd Prize—P. H. Sheffield, 1st Division, Chilliwack Central School.
3rd Prize—Miss M. Gladwell, 4th Division, F. W. Howay School, New Westminster.

Inspectorate No. 6 (A. F. Matthews, M.A., Inspector)—
1st Prize—Paul Whitley, Yale School.
2nd Prize—Miss C. Ritchie, 2nd Division, Merritt Graded School.
3rd Prize—W. E. Graham, 3rd Division, Kamloops Central School.
Inspectorate No. 7 (Arthur Anstey, B.A., Inspector)—
1st Prize—Miss B. P. Seaton, 6th Division, Vernon Central School.
2nd Prize—Miss M. Page, 3rd Division, Kelowna Central School.
3rd Prize—Miss J. C. Jardine, South Okanagan School.
Inspectorate No. 8 (A. E. Miller, Inspector)—
1st Prize—J. S. R. Donaldson, 2nd Division, Phoenix Central School.
2nd Prize—Miss M. Malcolm, Field School.
3rd Prize—Miss M. L. Baird, Coltern School.
Inspectorate No. 9 (F. G. Calvert, Inspector)—
1st Prize—R. S. Shields, 1st Division, Cranbrook Central School.
2nd Prize—Miss C. E. Wallach, 10th Division, Nelson Central School.
3rd Prize—Mrs. J. Hodnett, Canyon City School.
Inspectorate No. 10 (A. R. Lord, B.A., Inspector)—
1st Prize—L. C. Johnston, 1st Division, Fort George School.
2nd Prize—Miss A. McL. McKinnon, 4th Division, Prince Rupert Central School.
3rd Prize—W. W. O'Neill, Willow River School.

1st prize, $15; 2nd prize, $12; 3rd prize, $9; amount expended under this head for 1918-19, $432.

PHYSICAL TRAINING, 1919-20.

The terms of the competition for physical-training prizes, 1919-20, have already been announced by circular to all the public-school teachers in the Province. They are similar to the terms for 1918-19. For competition among the high and superior schools the sum of $45 has been provided, while the sum of $403 (or $31 for each inspectoral district) has been made available for prizes in the common and graded schools. As before, the teacher to whom an award is made shall be entitled to two-thirds of the prize, the other third to be expended for a picture or some piece of apparatus (suitably inscribed) for the room in which it was won. Only those teachers who are the holders of physical-training certificates granted under the Strathcona Trust are eligible to compete.

MILITARY DRILL, 1918-19.

Towards the close of the year 1918-19, forty of the fifty-nine public-school cadet corps in M.D. No. 11 paraded for inspection. The number of cadets present was 2,590 out of a total strength of 3,085, the shrinkage having been caused by lack of instructors (many on active service during the year) and by the curtailment of the usual period of training brought about by the influenza epidemic of 1918-19. The comparative rank then awarded by the Inspecting Officer is as follows:—

Corps.	Marks.
No. 112. Victoria High School	96
No. 101. Vancouver Cadet Regiment—	
Britannia High School	95
No. 788. Esquimalt High School	95
No. 388. Victoria Cadet Battalion—	
Boys' Central School	90
No. 101. Vancouver Cadet Regiment—	
Franklin School	90
Cecil Rhodes School	89
No. 530. Connaught High School (New Westminster)	85
No. 388. Victoria Cadet Battalion—	
George Jay School	84
No. 101. Vancouver Cadet Regiment—	
Henry Hudson School	83
Lord Tennyson School	83
Macdonald School	83
Lord Nelson School	82

Corps.	Marks.
No. 388. Victoria Cadet Battalion—	
Oaklands School	82
No. 101. Vancouver Cadet Regiment—	
General Gordon School	81
No. 388. Victoria Cadet Battalion—	
Quadra School	75
Margaret Jenkins School	74
No. 101. Vancouver Cadet Regiment—	
Fairview School	72
Laura Secord School	71
No. 372. Nanaimo	70
No. 360. Kaslo	65
No. 580. Revelstoke High School	64
No. 388. Victoria Cadet Battalion—	
North Ward School	64
South Park School	62
No. 349. Esquimalt Central School	60
No. 388. Victoria Cadet Battalion—	
Sir James Douglas School	60
No. 432. Prince Rupert	60
No. 101. Vancouver Cadet Regiment—	
Simon Fraser School	60
No. 125. Ridgeway School (North Vancouver)	60
No. 101. Vancouver Cadet Regiment—	
Lord Roberts School	60
No. 101. Vancouver Cadet Regiment—	
Charles Dickens School	60
Grandview School	55
No. 388. Victoria Cadet Battalion—	
Victoria West School	54
No. 101. Vancouver Cadet Regiment—	
Kitsilano School	54
Dawson School (A)	52
Model School	52
Hastings School	52
Dawson School (B)	50
Strathcona School	50
No. 695. Nelson	45
No. 101. Vancouver Cadet Regiment—	
Alexandra School	45

Twenty-five prizes were provided in accordance with the schedule adopted at the last meeting of the Local Committee held on the 15th October, 1919, one-half of each prize to be paid to the corps and one-half to the instructor, provided he is a public-school teacher qualified as a cadet instructor. When an instructor is not a public-school teacher, one-half of prize reverts to the general fund of the Local Committee. The expenditure under this head for 1918-19 amounted to $275.50, and was made according to the following schedule:—

1st prize	$25	11th prize	$10
2nd "	20	12th "	10
3rd "	18	13th "	10
4th "	18	14th "	10
5th "	16	15th "	10
6th "	16	16th "	10
7th "	14	17th "	10
8th "	14	18th "	10
9th "	12	19th "	10
10th "	12	20th "	10

21st prize	$10	24th prize	$10
22nd „	10	25th „	10
23rd „	10		

Comments by the Organizing and Inspecting Officer (Major W. H. Belson) in his annual report to the Local Committee are here noted:—

"Until all cadet corps are uniformed at the public expense and drilled during school-hours, the success of the movement will depend upon and vary according to the energy and enthusiasm of the several instructors. It must be remembered, too, that it is a wonderful incentive to cadets if they are smartly turned out.

"I should like to draw attention to the excellent work done by Captains Bundy and St. Clair, Supervisors of Cadets in Vancouver and Victoria respectively. Both have absolute belief in the necessity of training the youth in military drill and physical exercises, and have been unsparing in their efforts to give this belief practical effect. The instructors both in Vancouver and Victoria, although not entirely satisfied with present conditions, are loyal to their undertaking, and but for the sacrifices they have made the cadet organization of British Columbia would be of very little worth. The prospects for the coming year (1919-20) are brighter; there will be an increase in the enrolment, which, with timely encouragement, could be further swelled. A very promising corps of 100 cadets has been enrolled at Penticton, and the schools of Point Grey Municipality intend to organize for cadet-work. The King Edward High School Corps has an excellent band of thirty cadets who turn out very smartly on all occasions for the 101st Cadet Regiment. It may also be noted that the Wallace Nesbitt First-aid Competition for Cadets in British Columbia took place during last December (1918). There were eight teams consisting of five members each in competition for a prize of five rifles. Esquimalt provided the winning team. There is every indication that many more will take up this useful work during the coming term."

RIFLE SHOOTING, 1918-19.

From the grant for rifle shooting, 1918-19, prizes were provided for thirty-four qualified corps or units specified in returns—viz., $3.75 to each; this amount to form cash prizes for the three best shots in each corps or unit (1st prize, $1.50; 2nd prize, $1.25; 3rd prize, $1). The following accordingly receive grants of $3.75 each for rifle shooting, 1918-19: Esquimalt High School, No. 788; Nelson, No. 695; Vancouver, 101st Cadet Regiment (Britannia High School A and B, King Edward High School, King George High School, Alexandra, Charles Dickens, Cecil Rhodes, Dawson A and B, Fairview, Franklin, Simon Fraser, General Gordon, Grandview, Hastings, Henry Hudson, Kitsilano, Laura Secord, Model, Macdonald, Lord Nelson, Lord Roberts, Lord Strathcona, Lord Tennyson); Ridgeway (North Vancouver), No. 125; Victoria High School A and B, No. 112; Victoria Cadet Battalion, No. 388 (Boys' Central, George Jay, Quadra A and B, Victoria West). The amount expended under this head was $127.50.

In M.D. No. 11 there are 3,225 Ross rifles (D.P.) "on charge" to the various cadet corps. The miniature .22 rifles have been temporarily withdrawn for repairs.

FINANCIAL STATEMENT FOR 1918-19.

The funds at the disposal of the Local Committee for 1918-19 amounted to $1,386.71 and the expenditure for the year to $889, leaving an unexpended balance of $497.71. Of the latter sum, $448 has already been voted for physical-training prizes, 1919-20.

Receipts.

1918-19.	Balance on hand from 1917-18	$ 494 81
	Interest to November 30th, 1918	16 76
	Allowance to Secretary (added to fund)	10 00
	Interest to May 31st, 1919	7 95
	Grant for 1918-19	857 19
		$1,386 71

Disbursements.

1918-19.	Prizes for physical training, 1918-19	$ 486 00
	Prizes for military drill, 1918-19	275 50
	Prizes for rifle shooting, 1918-19	127 50
		$ 889 00
	Balance on hand	$ 497 71

Local Aid to Cadet Corps.

Authority has now been given by Statute to School Boards to make expenditures from school funds in aid of cadet corps and of an extension of physical training. This is contained in section 129A, "Public Schools Act" (consolidated for convenience in 1919), and is as follows:—

"The Board of School Trustees of any school district may establish and maintain an advanced course in physical training, including gymnastic exercises or cadet instruction, or both, and the entire cost of all necessary equipment and of maintenance shall be defrayed by the Board of School Trustees; but where the time of any teacher is devoted wholly to such course, that teacher shall be included in the number of teachers on which the *per capita* grant payable to that school district by the Minister of Finance pursuant to section 19 or 20 of this Act is based."

Victoria High School Cadet Corps in the Great War.

The following appeared in the Victoria *Daily Times* of December 19th, 1918, and is here inserted for the information of the military authorities at Ottawa:—

"Among the institutions of Victoria few have made a greater proportionate contribution to the Allies than the Victoria High School. From the outbreak of war until its end the young men of the school were serving in every branch of the Army and Navy, and fifty-six of them willingly gave their lives for the cause.

"In the Christmas issue of *The Camosun*, the High School magazine, appears a list of the boys who have fallen, and in another part of the paper a tribute from Miss Jeannette Cann to Sergt. Henry Sivertz, M.M., who died in action.

"Following is the list of the High School boys who were killed: Pte. Charles Adams, Major Anderson, M.C., Pte. Henry Austin, Pte. H. Babcock, Pte. Percy Barr, Surgeon Probationer F. Beckwith, Arthur D. Belyea, Pte. Mark Berton, Pte. Lyall Bland, Lieut. Herbert Boggs, Pte. Archie Boyd, Pte. Chester Boyd, Sergt. Raymond Brewster, Pte. J. J. Brown, Lieut. Adair Carss, Gnr. Roy Clements, Sergt. Fred Copas, Cadet William Cutler, Lieut. J. D. Dowler, Lieut. Frank Dunn, Pte. Ernest Elford, Lieut. D. Ellis, M.C., Lieut. F. Elliot, Pte. G. Elliott, Mech. F. Garland, Flight-Lieut. Gerow, Gnr. Ronald Graham, Lieut. Robin Gray, Lieut. G. A. Green, Lieut. Donald Hanna, Pte. Charles Hardie, Pte. W. Head, Pte. Fred Heal, Pte. Alwin Holland, Sergt. Edward Jackson, Flight-Lieut. A. E. Johnson, Lieut. Nelson King, Cadet R. W. R. Litchfield, Lieut. J. A. Macdonald, M.C., Sergt.-Major D. McCannel, Signaller R. McCannel, Victor Noble, Sergt. J. A. Pascoe, Pte. Horace Paul, Pte. Harold Pearce, Gnr. J. R. Pottinger, Pte. Harold Roe, Sergt. Cyril Sedger, Sergt. Henry Sivertz, M.M., Sergt. D. W. Stevens, Pte. William Stewart, Pte. F. Thomson, Capt. A. E. C. Thorburn, Sergt. E. S. Tuck, Pte. Waterhouse, M.M., and Lieut. Conrad B. Wilson."

David Wilson,
Secretary, Local Committee, Strathcona Trust, for British Columbia.

TEACHERS' EXAMINATION, 1919.

The annual examination of candidates for certificates of qualification to teach in public schools of the Province began on June 23rd, 1919, and was held simultaneously in the High School buildings of Agassiz, Armstrong, Belmont, Bridgeport, Chilliwack, Cranbrook, Cumberland, Duncan, Enderby, Esquimalt, Fernie, Golden, Grand Forks, Greenwood, Kamloops, Kaslo, Kelowna, Ladner, Ladysmith, Matsqui, Mission, Nanaimo, Nelson, New Westminster, Oak Bay, Peachland, Penticton, Point Grey, Port Alberni, Prince George, Prince Rupert, Revelstoke, Rossland, Salmon Arm, Summerland, Trail, Vancouver (Britannia, Cecil Rhodes, King Edward, and King George), North Vancouver, South Vancouver, Vernon, and Victoria, as well as at Cloverdale, Creston, Maple Ridge, and Quesnel.

The examiners appointed to act with the Superintendent of Education were: William Burns, B.A.; A. Chodat, M.A.; Robt. H. Clark, M.A., Ph.D.; J. B. DeLong, B.A.; J. S. Gordon, B.A.; James Henderson, M.A.; J. K. Henry, B.A.; R. A. Little, B.A.; Stanley W. Mathews, M.A.; D. L. MacLaurin, B.A.; Thos. Pattison, M.A.; Edward B. Paul, M.A.; Lemuel Robertson, M.A.; G. E. Robinson, B.A.; E. H. Russell, B.A.; Alex. G. Smith, M.A.; S. J. Willis, B.A.; David Wilson, B.A.

The following are the successful candidates:—

ACADEMIC CERTIFICATES.

(Names in alphabetical order.)

Arkell, Bessie Matilda, B.A., McMaster University, Toronto.
Bagnall, Frederick William, B.A., Acadia University, Nova Scotia.
Bodie, Helena, B.A., University of British Columbia.
Bolton, Dorothea Blanchard, B.A., University of British Columbia.
Bradshaw, Kathryn R., B.A., University of British Columbia.
Clarke, Norma Gates, B.A., University of British Columbia.
Coldwell, Lewis Henry, B.Sc., Acadia University, Nova Scotia.
Dey, Mary Helena, B.A., University of Toronto.
Ewin, Ethel Mary, B.A., University of British Columbia.
Fulton, Ruth Vivia, B.A., University of British Columbia.
Girdler, Winnifred, M.A., Queen's University, Kingston.
Glover, George Earl, B.A., University of Toronto.
Gunn, James Hamilton, M.A., University of Edinburgh.
Harney, Florence May, M.A., Bishop's College, Lennoxville.
Harvey, Isobel, B.A., University of British Columbia.
Hiebert, Paul Gerhard, M.A., University of Toronto.
How, Marion W., B.A., University of Saskatchewan.
Keatley, William Mahaffy.
Lawrence, Jessie Grace, B.A., University of Saskatchewan.
Layton, Bessie Bacon.
Lord, Edward Sandford, B.A., King's University, Nova Scotia.
Manzer, Howard Lee.
Miller, Minnie May, B.A., University of New Brunswick.
Morrison, Agnes McKenzie, B.A., University of British Columbia.
Morrison, Alexander B., B.A., Queen's University, Kingston.
Morrow, Archibald Elston, B.A., University of Toronto.
Mutch, Ethel Jean.
McAnelly, Jennie V., B.A., University of Saskatchewan.
McGregor, Norma Isabel.
Nuttall, Thomas Herbert, B.A., University of Manitoba.
Oxley, Gertrude Oressa, M.A., Mount Allison University, New Brunswick.
Pepper, W. Rogers, B.A., Mount Allison University, New Brunswick.
Rae, Malcolm Humphreys, B.A., Queen's University, Kingston.
Raper, John, M.A., University of Durham.
Reynolds, Charles Bernard, M.A., University of Oxford.

ACADEMIC CERTIFICATES—*Concluded.*

(Names in alphabetical order.)

Round, Bernard, B.A., University of Brimingham.
Starratt, Mary L., B.A., Acadia University, Nova Scotia.
Watts, Frank Maxfield, B.Sc., University of Leeds.
Whitman, Jean Elizabeth, M.A., Mount Allison University, New Brunswick.
Whittemore, Thomas Sayward, B.Sc., University of London.
Wier, Freda M., B.A., University of New Brunswick.
Wilband, Hazel Grace, B.A., University of British Columbia.
Wilson, William Cochrane, B.A., University of British Columbia.
Woodsworth, Mrs. Lucy Lilian, B.A., University of Toronto.
Young, Jacob Wilson, B.A., University of Toronto.

FIRST-CLASS CERTIFICATES.

(Names in alphabetical order.)

Anderson, Maggie Jane.
Ayers, Mabel Sharman.
Bancroft, Maggie.
Barker, Mildred Usher.
Barraclough, Lesley.
Bird, Edna Dorothy.
Capon, Maud.
Crowe, Blanche.
Cunliffe, Gladys.
Cutler, Annie Elizabeth.
Darling, Grace Victoria.
Dawe, Myrtle Fannie.
Dougan, Flora Mary.
Edwards, Evelyn M.
Ford, George Smith.
Gee, William Henry.
Grant, Earle Shaw.
Hall, Victor Ernest.
Hill, Katherine, Mrs.
Jessop, Edith.
Johnstone, Mary A.
Leah, Constance Mary.
Martin, William Edgar.
Milledge, Emmie Ada.
Milley, Myrtle Ellen.
Mills, Mary Beatrice.
Munro, Constance Elizabeth.
Mutch, Eva Margaret Ysobel.
Mackenzie, Eileen Sophia.
McNeish, Isabella.
Pierce, Addie Alice.
Piper, Lily.
Sangster, Letitia Jean.
Sewell, Eunice Alberta.
Smith, Robert Reid.
Swann, Harold Frank.
Tufnail, Doris.
Walker, John Fortune.
Weston, Ruth Irene.
Wilton, Margaret.

SECOND-CLASS CERTIFICATES.

(Names in alphabetical order.)

Abercrombie, Mildred.
Adam, Jessie Wallace.
Anderson, Birdie.
Anderson, Martha M.
Appley, Katherine Agnes Randolph.
Arland, Elsie.
Armstrong, Elsie May.
Baird, Marion Lenore.
Baker, Katie Lillian.
Barker, Amy.
Bassett, Mildred F.
Baxter, Adeline.
Baxter, Margaret R.
Beckwith, Margaret Elizabeth.
Bendell, Edith.
Bettes, Freda Gertrude.
Betts, Doris Mary.
Blakely, Elfie, Mrs.
Bool, Adelaide.
Bowden, Mabel.
Bowes, Mary E.
Bowman, Phyllis Gertrude.
Burnham, Lillian Maude.
Burrell, Margaret Barbara.
Campbell, Catherine McMillan.
Carlson, Ruth Marguerite.
Coburn, Grace E.
Coles, Emma Alice.
Collier, Lucie Evelyn Maud.
Condon, John Ernest.
Copeland, Winnifred May.
Corbett, Margaret.
Corbett, Vera May.
Coursier, Olga E. M.
Craig, Elizabeth B.
Crawford, Jessie Alice.
Creelman, Jean Turner.
Crowe, Eunice Isabel.
Cutler, Genevieve Nathalie.
Danard, Agnes.
Dawson, Eleanor Mavety.
DeCew, Helen Dora.
Dow, Mary Ellen.
Downs, Gertrude M.
Dunse, Marion Wilkinson.
Easton, Kate E., Mrs.
Edwards, Lucy Louise.
Elliott, Kathleen Marie.
Ferguson, Ola Millicent.
Fetterly, Annie.
Fletcher, Kathleen Bell.
Franklin, Grace Wilson.
Fraser, Elizabeth Ellen.
Fraser, Henlen Parlee.
Fraser, Mary Isabelle.
Galt, Isabel Catherine.
Gamble, Ellen Edith.
Gilliland, Henry Cecil.
Gladstone, Sophie.
Glass, Jessie Mair.
Gordon, Vera Leonore.
Graham, Muriel Kathleen.
Graham, William Edwin.
Grantham, Vera Christine.
Gray, Agnes.
Gray, Janet Elizabeth.
Greenaway, Margaret Ann, Mrs
Gregory, Eileen Winifred.
Haddow, Marguerite.
Hamilton, Bertha A., Mrs.
Hammond, Evelyn Dorcas.
Hand, Marion Isabel.
Handy, Catherine Christine.
Harper, Cecelia.
Hay, James Cecil.
Herd, Mary Barrie Fenton.
Hillis, Beryl Agnes.

SECOND-CLASS CERTIFICATES—*Concluded.*

(Names in alphabetical order.)

Hoey, Ida May.
Honeyman, Helen Norah.
Howell, Rosalie, Mrs.
Hunt, Adah Lilian.
Huntley, Irene A. H.
Hutchison, Mary.
Ildstad, Ida Marie.
Ilsley, Blanche E.
Inglis, Lura Agnes.
Ink, June.
Irving, Ina Kathleen.
James, Dorothy Marian.
Johnson, Ruth Evelyn.
Johnson, Violet Anna Cecelia.
Johnson, Zella Mary.
Johnston, Annie Chalmers.
Jones, Margaret Ellen.
Kerr, Alice Lillian.
Kinney, Constance Mabel.
Kneeshaw, Maud Emma.
Laidman, Alberta.
Lallemand, Charles F.
Lane, Arthur Ronald.
Langton, Grace.
Laxton, Ethel Mary.
Ledingham, Helen Isabel.
Lemmax, Victoria Eleuthera.
Lindblad, Lillie Christina.
Lingard, Myrtle Gladys.
Littler, Margery A. I.
Livingstone, Ethel B.
Luno, Ruth B.
Madden, Gertrude Florence.
Main, Annie Catharine.
Mann, Doris Marion.
Martin, Dorothy Mabel.
Mazzoline, Alma Virginia.
Mitchell, Marion.
Moisio, Agnes.
Moore, Isabel.
Morrison, Annie E.
Morrison, Dorothy Grace.
Morrison, Margaret C.
Morriss, Mary Rachel.
Murphy, Frances Rosamond.
McCallum, Jane Macbeth.
McColl, Helen Seaton.
Macdonald, Anna Jean.
Macdonald, Genevieve Mary.
Macdonald, Henrietta J.
McGinley, Minnie.
McIntosh, Irene Christena.
McIntyre, Maude, Mrs.
MacKay, John Daniel.
McKenzie, Anna Jean.
Maclean, Florence Nightingale.
McLeod, Laura.
McLoughry, Vivian Helen.
McManus, Georgina Muriel.
MacNairn, Isabel Matilda.
Neate, Winifred.
Neufeld, Peter H.
Nicholson, Jane E.
O'Connell, Lillian Mathilde.
O'Connor, Gerald.
O'Hearn, Elizabeth Anastasia.
Orr, Alice Mary.
Oswald, Olive M.
Pakeman, Edith.
Parfitt, Violet.
Parkins, Emma Tryphena.
Patchett, Christina.
Pearson, Ina May.
Peebles, Jeanie.
Pettman, Viola May.
Pickersgill, Mabel A.
Pogson, Elizabeth, Mrs.
Pollock, Neil Beaton.
Pommerville, Eva May.
Potter, Evelyn Meryle.
Prescott, Muriel Evelyn.
Proske, Margery Freda.
Quigley, Edith R., Mrs.
Raby, Laura Aleda.
Ramsay, Marie Maud Porter, Mrs
Redpath, Grace Elinore.
Reekie, Annie St. Clair.
Renwick, Jean Annie Ovens.
Roach, Louisa.
Robertson, Agnes.
Robertson, Bernice Margaret.
Robinson, Susie E.
Ross, Jessie Eleanor, Mrs.
Ross, Rena.
Schofield, Dorothy Letitia.
Shampeney, Elizabeth Margaret.
Sharpe, Mabel Bertha Gregory.
Shaw, Rhoda Margaret.
Shore, John Wallace Baird.
Simpson, May.
Smidek, Sylvia Elizabeth.
Smith, Beatrice Annandale.
Smith, Christy Ann.
Smith, Isabella Marion Mildred
Snetsinger, Earl Douglas.
Spackman, Florence Jeannette.
Spraggett, Alice Margaret.
Sprinkling, Ransford Gray.
Stafford, William Alexander.
Steeves, Greta Evelyn.
Stein, Minnie Pauline.
Stocks, George Herbert.
Stonehouse, Gladys Mary.
Street, Irma Sophia.
Sullivan, Marie.
Terzick, Millicent.
Thornley, Eleanor Lillian.
Thursfield, Marjorie Muriel.
Tough, Edith Harriet.
Upshall, William Charles Cecil.
Wade, Eva.
Wate, Margaret Isobel.
Weatherhead, Irene.
Weir, Florence Ladysmith.
Wells, Olive.
Whisker, Peter.
Whitley, Paul Nelson.
Whitworth, Florence Louise.
Wilks, Esther.
Williamson, Bessie.
Wilson, Gordon Sinclair.
York, Alice M.

THIRD-CLASS CERTIFICATES—VALID FOR LIFE.

(Names in alphabetical order.)

Adam, Grace.
Allan, Jean McKenzie.
Allison, Gladys Mabel.
Anderson, Ida May.
Bartram, Marion Glenn.
Bertrand, Clemence A. I.
Blake, Olive May.
Bowron, Aileen G. L.
Brett, Eleanor V.
Brophy, Mary Agnes.
Butters, Kate Elizabeth.
Climie, Mary Victoria.
Darlington, Ella, Mrs.
Davidson, Donald.
Eason, Florence Beatrice.
Eason, Josephine Butler.
Evans, Margaret Winnifred.
Ferguson, Ethel May.
Ferries, Edna M.
Fraser, Allison Rose.
Freeman, Marjorie.
Hamilton, Margaret Helen.
Harper, Constance, Mrs.
Harvey, Susan Janetta.

THIRD-CLASS CERTIFICATES—VALID FOR LIFE—*Concluded.*

(Names in alphabetical order.)

Hurry, Bertha Ada.
Inches, Marguerite.
James, Elsie May.
Jennings, Phyllis Eva.
Johnson, Lillian Catherine.
Lloyd-Jones, Charlotte Edith.
Keele, Mary Florence.
King, Christena Jane.
Knocker, Jennie Mable.
Laxton, Susan Cecelia.
Lockie, Dorothy Anne.
Mann, Margaret Augusta.
Manuel, Elizabeth Hilda Blanche.
Matheson, Mary Elizabeth.
Mellish, Mary.
Morden, Vera Irean.
Morrow, Angus Cameron.
Munro, Catherine MacLaughlin.
McCallum, Katherine C.
McCourt, Mabel Grace.
McCutcheon, Ida Lucretia.
MacLachlan, Martha.
McLean, Donald R.
McMyn, Georgina Edna.
MacSween, Florence Isabel.
O'Callaghan, Naomi Anna.
Palmer, Jeanne Irene.
Patchett, Leaphie E. I.
Reid, Reatha Mae.
Reilly, Elizabeth Mary.
Richards, Ida May.
Rolston, Margaret Eileen.
Sangster, Letitia Jean.
Scobie, Isabel Bain.
Seaton, William Lyle.
Smith, Elizabeth Clark.
Stubbs, Gwendoline.
Sutcliffe, Nellie Annie.
Taylor, Hazel Beatrice.
Taylor, Helen Marguerite.
Thompson, Dorothy Gertrude.
Till, Ethel.
Trevorrow, Laura Ann.
Verchère, Alberta Madeline.
Walker, Doris Louisa.
Walsh, Mae Agnes.
Waterston, Mabel Jean.
Wilson, Laura.
Wilson, Minnie.
Wolstenholme, Francilla Blanche.

THIRD-CLASS CERTIFICATES.

(Names in alphabetical order.)

Addison, Irene May.
Birkett, Edith.
Cartwright, Margaret Ellen.
Cox, Nita Henwood.
Dixon, Gertrude Pearl.
Estey, Lillian Currie.
Fjeldsted, Jonina Margaret.
Fraser, Duncan.
Gibson, Edith Eleanor.
Graham, Mary Eleanor.
Harrison, Ina Lenora.
Hunter, Lillian Adelaide.
Johnson, Anna Sophia.
Jones, Gladys Stella.
Keith, Bernetta Irene.
Kerr, Irene Hazel.
Kosikar, Mary Alexandria.
Lougheed, Grace Selena.
Manzer, Alice Maud.
Monkhouse, Verna Irene.
McDougall, Edythe Elizabeth.
MacGibbon, Elsie G.
McGirr, Jean Isabel.
MacLeod, Helen Ethel.
McLeod, Jessie Margaret.
Owen, Lucy Ellen.
Powell, Doris Ilva.
Roberts, Pearl.
Selkirk, Margaret May.
Smith, Ruth Emily.
Spicer, Helen Ruth.
Stevenson, Anna Victoria.
Stewart, Emma Mary.
Tait, Edythe C.
Tibballs, Rhoda Charlotte A.
Whitworth, Margaret Eleanor.
Wigley, Elsie Winifred.
Williams, Margaret Louise.
Williams, Ruth Naomi.

PART II.

STATISTICAL RETURNS.

HIGH SCHOOLS.

SCHOOL.	TEACHER.	CERTIFICATE.	Salary (Year).	Days School was in Session.	Enrolment.	Boys.	Girls.	Average Daily Attendance.	A.—ENGLISH.			
									Reading.	Writing & Spelling.	Comp. and Rhetoric.	English Literature.
			$									
Agassiz	Miss E. P. Taylor, M.A.	Academic	1,320	166	26	10	16	18.76	26	26	26	26
Armstrong, 1st Div.	B. S. Freeman, B.A.	"	1,800	155	18	6	12	16.72	18	18	18	18
" 2nd "	Miss M. A. Brockwell, B.A.	"	1,380	155	25	6	19	18.93	25	25	25	25
					43	12	31	35.65	43	43	43	43
Bridgeport, 1st Div.	J. A. MacIntosh, B.A.	"	2,442	162	18	6	12	16.01	18	18	18	18
" 2nd "	Miss I. E. Clemens, B.A.	"	1,650	162	14	6	8	10.06	14	14	14	14
					32	12	20	26.07	32	32	32	32
Chilliwack, 1st Div.	J. J. McLoughlin, B.A.	"	1,920	171	18	5	13	17.00	18	18	18	18
" 2nd "	Miss O. M. Switzer, B.A.	"	1,320	173	27	8	19	20.83	27	27	27	27
" 3rd "	Miss E. G. Cameron, B.A.	"	1,200	173	52	25	27	42.01	52	52	52	52
" 4th "	V. Woodworth, B.A.	"	1,440	120	21	13	8	18.10	21	21	21	21
					118	51	67	97.94	118	118	118	118
Cranbrook, 1st Div.	R. B. Forsyth, B.A.	"	1,850	154	18	5	13	17.44	18	18	18	18
" 2nd "	Miss N. M. Steeves, B.A.	"	1,440	152	38	19	19	32.55	38	38	38	38
					56	24	32	49.99	56	56	56	56
Cumberland, 1st Div.	C. R. Drader	"	1,850	154½	18	7	11	13.60	18	18	18	18
" 2nd "	Miss C. L. Tourigny	"	1,140	154½	25	9	16	21.51	25	25	25	25
					43	16	27	35.11	43	43	43	43
Duncan, 1st Div.	A. B. Thorp, M.A.	"	1,800	146	20	10	10	16.25	20	20	20	20
" 2nd "	Miss E. E. Hildred, B.A.	"	1,200	141	36	17	19	27.53	36	36	36	36
					56	27	29	43.78	56	56	56	56
Enderby	D. J. Welsh, B.A.	"	1,500	185½	30	14	16	23.67	30	30	30	30
Esquimalt, 1st Div.	J. M. Paterson, B.A.	"	2,310	162	6	3	3	5.58	6	6	6	6
" 2nd "	Miss C. N. Burridge, B.A.	"	1,650	156	15	8	7	12.77	15	15	15	15
" 3rd "	Miss G. N. Hewlings, B.A.	"	1,254	150½	30	12	18	24.42	30	30	30	30
					51	23	28	42.77	51	51	51	51
Fernie, 1st Div.	V. W. Jenkins, B.A.	"	1,800	153½	19	8	11	17.68	19	19	19	19
" 2nd "	Miss F. M. Stirrett, B.A.	"	1,680	153½	37	14	23	33.42	37	37	37	37
					56	22	34	51.10	56	56	56	56
Golden	Miss F. Todd, B.A.	"	1,380	175	13	3	10	9.27	13	13	13	13
Grand Forks, 1st Div.	S. R. Stephen, B.A.	"	1,800	129	16	5	11	13.72	16	16	16	16
" 2nd "	Miss C. L. Thomson, B.A.	"	1,200	129	18	7	11	15.91	18	18	18	18
" 3rd "	Mrs. J. Mcnaughton, B.A.	"	1,250	129	33	12	21	25.86	33	33	33	33
					67	24	43	55.49	67	67	67	67
Greenwood	H. M. Stramberg, B.A.	"	1,500	148	16	8	8	14.26	16	16	16	16
Kamloops, 1st Div.	T. R. Hall, B.A.	"	2,040	145	17	5	12	13.82	17	17	17	17
" 2nd "	J. W. McNab, B.A.	"	1,800	145	13	5	8	10.69	13	13	13	13
" 3rd "	Miss A. I. Grierson, B.A.	"	1,500	145	34	14	20	29.03	34	34	34	34
" 4th "	Miss H. McLean	Temporary	1,320	145	29	14	15	24.82	29	29	29	29
					93	38	55	78.36	93	93	93	93
Kaslo, 1st Div.	S. L. Scott, B.A.	Academic	1,620	148	19	7	12	18.31	19	19	19	19
" 2nd "	Miss V. E. Muddell, B.A.	"	1,080	148	17	5	12	14.14	17	17	17	17
					36	12	24	32.45	36	36	36	36
Kelowna, 1st Div.	L. V. Rogers, B.A.	"	1,920	157½	34	9	25	27.32	34	34	34	34
" 2nd "	Miss E. McNaughton, M.A.	"	1,620	157½	36	15	21	26.25	36	36	36	36
					70	24	46	53.57	70	70	70	70

SCHOOL-YEAR ENDING JUNE 30TH, 1919.

B.—History and Geography.						C.—Mathematics.				D.—Science.				E.—Classics.				F.	G.—Commercial.				H.—Technical.				
Canadian History & Canadian Civics.	British History.	Roman History.	Grecian History.	General History.	Geography.	Arithmetic.	Algebra.	Geometry.	Trigonometry.	Chemistry.	Physical Science.	Agriculture.	Botany.	Latin.	Greek.	French.	German.	Drawing.	Book-keeping.	Stenography.	Typewriting.	Business Forms and Laws of Business.	Manual Training.	Domestic Science.	Drafting.	Mechanics.	Metalwork.
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HIGH SCHOOLS.

SCHOOL.	TEACHER.	CERTIFICATE.	Salary (Year).	Days School was in Session.	Enrolment.	Boys.	Girls.	Average Daily Attendance.	A.—ENGLISH. Reading.	Writing & Spelling.	Comp. and Rhetoric.	English Literature.
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Ladner, 1st Div.	C. S. Dobbins, B.A.	Academic	2,100	129½	21	5	16	19.63	21	21	21	21
" 2nd "	Miss J. P. Roseburgh, B.A.	"	1,200	124½	12	5	7	8.83	12	12	12	12
					33	10	23	28.46	33	33	33	33
Ladysmith, 1st Div.	L. D. Robinson	Temp.	1,500	144	24	11	13	21.21	24	24	24	24
" 2nd "	Miss E. M. Ewin, B.A.	Academic	1,140	144	32	16	16	28.21	32	32	32	32
					56	27	29	49.42	56	56	56	56
Langley, 1st Div.	Miss E. M. Montgomery, B.A.	"	1,500	163	19	4	15	17.36	19	19	19	19
" 2nd "	Miss M. H. Fallows	"	1,200	163	23	8	15	19.89	23	23	23	23
					42	12	30	37.25	42	42	42	42
Matsqui, 1st Div.	Miss M. M. Miller, B.A.	"	1,140	179	9	4	5	8.65	9	9	9	9
" (closed) 2nd "				66½	5	...	5	4.90	5	5	5	5
					14	4	10	13.55	14	14	14	14
Mission, 1st Div.	W. G. Gamble	Academic	1,320	164	21	6	15	19.16	21	21	21	21
" 2nd "	Mrs. M. Ashmore, M.A.	"	1,200	169	25	10	15	15.95	25	25	25	25
					46	16	30	35.11	46	46	46	46
Nanaimo, 1st Div.	R. M. Archer, B.A.	"	1,850	162½	21	8	13	16.76	21	21	21	21
" 2nd "	Miss B. Macdonald, B.A.	"	1,660	157½	27	4	23	23.38	27	27	27	27
" 3rd "	Miss E. L. Howard	"	1,360	157½	34	10	24	26.02	34	34	34	34
" 4th "	Miss M. Jenkins, B.A.	"	1,420	157½	32	9	23	22.86	32	32	32	32
					114	31	83	89.02	114	114	114	114
Nelson, 1st Div.	B. P. Steeves, B.A.	"	2,400	150½	10	3	7	9.41	10	10	10	10
" 2nd "	R. Smillie, B.A.	"	1,750	153	35	17	18	29.36	35	35	35	35
" 3rd "	N. R. Fallis, B.A.	"	1,600	150½	32	9	23	27.33	32	32	32	32
" 4th "	Miss H. G. Steeves, B.A.	"	1,400	148½	35	15	20	28.24	35	35	35	35
" 5th "	Miss S. E. Keatley, M.A.	"	1,500	149	39	17	22	31.97	39	39	39	39
" 6th "	Miss L. Whelen	Commercial	1,800	148½	34	16	18	28.80	34	34	34	34
					185	77	108	155.21	185	185	185	185
N. Westminster, 1st Div.	R. A. Little, B.A.	Academic	2,460	170	41	18	23	34.27	41	41	41	41
" 2nd "	E. R. McMillan, M.A.	"	2,040	170	36	11	25	27.27	36	36	36	36
" 3rd "	H. I. Spurr, B.A.	"	2,040	165	33	9	24	25.92	33	33	33	33
" 4th "	Miss M. M. Cline, B.A.	"	1,500	165	30	8	22	24.06	30	30	30	30
" 5th "	F. M. Watts, B.Sc.	"	1,700	165	19	9	10	15.49	19	19	19	19
" 6th "	Miss E. G. Harrop, B.A.	"	1,290	165	44	22	22	35.07	44	44	44	44
" 7th "	Miss E. M. Spurr, B.A.	"	1,410	165	46	12	34	36.09	46	46	46	46
" 8th "	E. H. Lock, B.A.	"	1,560	165	29	22	7	26.23	29	29	29	29
" 9th "	J. G. Whiten, B.A.	"	1,500	165	27	7	20	19.55	27	27	27	27
" 10th "	W. H. Fenton	Commercial	2,040	165	47	8	39	36.94	47	47	47	47
					352	126	226	280.89	352	352	352	352
Oak Bay, Principal	H. P. Hope, B.A.	Academic	3,000	....	....	....	....	....	....	....	....	....
" 1st Div.	Miss G. Maxwell, B.A.	"	1,750	147½	32	13	19	24.15	32	32	32	32
" 2nd "	Mrs. E. E. Sanderson-Mongin		1,750	147½	14	8	6	11.95	14	14	14	14
" 3rd "	G. Downes, B.Sc.	Academic	2,520	143½	34	19	15	28.55	34	34	34	34
" 4th "	F. W. Harvey, M.A.	"	2,100	147½	14	3	11	9.15	14	14	14	14
					94	43	51	73.80	94	94	94	94
Peachland	Miss J. E. Whitman, M.A.	"	1,200	178	13	6	7	8.44	13	13	13	13
Penticton, 1st Div.	L. J. Miller, B.A.	"	1,800	162	29	3	26	22.10	29	29	29	29
" 2nd "	J. G. Ferguson, B.A.	"	1,500	162	22	4	18	17.52	22	22	22	22
					51	7	44	39.62	51	51	51	51

SCHOOL-YEAR ENDING JUNE 30TH, 1919—*Continued.*

B.—History and Geography.						C.—Mathematics.				D.—Science.				E.—Classics.				F.	G.—Commercial.				H.—Technical				
Canadian History & Canadian Civics.	British History.	Roman History.	Grecian History.	General History.	Geography.	Arithmetic.	Algebra.	Geometry.	Trigonometry.	Chemistry.	Physical Science.	Agriculture.	Botany.	Latin.	Greek.	French.	German.	Drawing.	Book-keeping.	Stenography.	Typewriting.	Business Forms and Laws of Business.	Manual Training.	Domestic Science.	Drafting.	Mechanics.	Metalwork.
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193	...	...	...	74	74	193	350	275	..	229	155	....	82	232	..	248	.	119	74	74	74	27	63	87	..	....	...
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48	22	4	22	...	25	51	93	74	4	49	52	....	14	60	..	77	..	36	15	15	17	6	....	....	....	....	....
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22	...	...	...	14	14	22	51	51	..	17	15	....	27	51	..	51	..	.....	...	...	...	....	4	33	....	....	....

HIGH SCHOOLS.

SCHOOL.	TEACHER.	CERTIFICATE.	Salary (Year).	Days School was in Session.	Enrolment.	Boys.	Girls.	Average Daily Attendance.	A.—ENGLISH. Reading.	Writing & Spelling.	Comp. and Rhetoric.	English Literature.
			$									
Point Grey, 1st Div.	A. Bowles, B.A.	Academic	3,105	160	37	22	15	29.50	37	37	37	37
" 2nd "	W. H. Morrow, B.A.	"	2,622	160	35	22	13	28.29	35	35	35	35
" 3rd "	C. H. Mercer, M.A.	"	2,346	160	6	1	5	5.53	6	6	6	6
" 4th "	Miss C. G. Campbell, B.A.	"	2,070	160	39	8	31	31.76	39	39	39	39
" 5th "	E. T. Oliver, B.A.	"	1,932	160	29	26	3	22.47	29	29	29	29
" 6th "	W. J. Lloyd, B.A.	"	2,070	160	24	6	18	21.75	24	24	24	24
					170	85	85	139.30	170	170	170	170
Port Alberni	Miss T. A. Pollock, B.A.	"	1,200	189½	14	4	10	9.56	14	14	14	14
Prince George	A. Wright	Temporary	1,600	131	15	9	6	9.67	15	15	15	15
Prince Rupert, 1st Div.	J. C. Brady	Academic	2,310	165	21	10	11	18.75	21	21	21	21
" 2nd "	Miss M. V. McLenaghen, B.A.	"	1,710	166	23	10	13	19.27	23	23	23	23
					44	20	24	38.02	44	44	44	44
Revelstoke, 1st Div.	T. W. Halligan, B.A.	"	1,800	158½	27	9	18	26.64	27	27	27	27
" 2nd "	Miss A. W. Eaton, B.A.	"	1,440	158½	22	15	7	21.00	22	22	22	22
" 3rd "	Miss C. Smith, B.A.	"	1,320	158½	23	8	15	21.30	23	23	23	23
" 4th "	Miss J. G. Lawrence, B.A.	"	1,300	98	18	12	6	17.54	18	18	18	18
					90	44	46	86.48	90	90	90	90
Rossland, 1st Div.	Miss E. E. Deroche, B.A.	"	1,500	155	8	1	7	5.89	8	8	8	8
" 2nd "	Miss N. C. Lingle, B.A.	"	1,300	155	19	8	11	15.86	19	19	19	19
" 3rd "	J. E. Jay, B.A.	"	1,500	155	19	3	16	16.81	19	19	19	19
					46	12	34	38.56	46	46	46	46
Salmon Arm, 1st Div.	Miss O. Cousins, B.A.	"	1,320	157	13	4	9	12.50	13	13	13	13
" 2nd "	Miss O. G. Lister, L.L.A.	"	1,080	123½	23	11	12	20.84	23	23	23	23
					36	15	21	33.34	36	36	36	36
Summerland, 1st Div.	D. H. McIntosh, B.A.	"	1,500	160	17	9	8	15.63	17	17	17	17
" 2nd "	C. D. Denton, B.A.	"	1,400	160	27	10	17	19.47	27	27	27	27
					44	19	25	35.10	44	44	44	44
Trail, 1st Div.	Miss G. E. Rogers, B.A.	"	1,250	152	10	3	7	7.76	10	10	10	10
" 2nd "	Miss G. O. Oxley, M.A.	"	1,125	152	42	13	29	32.01	42	42	42	42
					52	16	36	39.77	52	52	52	52
Vancouver:												
Britannia, Principal	J. T. Dunning, M.A.	"	2,980									
" 1st Div.	F. J. Mayers, B.A.	"	2,740	165	39	19	20	36.42	39	39	39	39
" 2nd "	W. J. Fee, B.A.	"	2,500	165	41	14	27	32.22	41	41	41	41
" 3rd "	Miss M. E. Grenfell, B.A.	"	2,380	160	27	9	18	24.37	27	27	27	27
" 4th "	A. E. Morrow, B.A.	"	2,020	160	28	10	18	22.63	28	28	28	28
" 5th "	W. Putnam, B.Sc.	"	2,140	160	27	10	17	23.41	27	27	27	27
" 6th "	W. E. Evans, B.A.	"	2,260	160	31	10	21	24.60	31	31	31	31
" 7th "	Miss K. Macdiarmid, B.A.	"	1,780	160	27	10	17	21.96	27	27	27	27
" 8th "	Miss M. McNiven, B.A.	"	1,900	160	38	10	28	35.37	38	38	38	38
" 9th "	Miss N. McL. Bentley, B.A.	"	2,260	160	32	10	22	28.16	32	32	32	32
" 10th "	A. R. Evans, B.A.	"	2,140	160	34	12	22	30.43	34	34	34	34
" 11th "	G. W. MacKenzie, B.A.	"	2,140	160	37	13	24	28.57	37	37	37	37
" 12th "	Miss L. B. W. Browne, M.A.	"	1,780	160	46	14	32	33.74	46	46	46	46
" 13th "	D. S. Jackman, M.A.	"	1,900	160	42	10	32	35.76	42	42	42	42
" 14th "	G. S. Selman, B.A.	"	2,020	160	43	12	31	33.75	43	43	43	43
" 15th "	G. A. Ferguson, B.A.	"	2,680	112	25	14	11	19.75	25	25	25	25
					517	177	340	431.14	517	517	517	517
King Edward, Principal	S. J. Willis, B.A.	"	3,700									
" 1st Div.	J. H. Hall, B.A.	"	2,620	160	31	5	26	25.86	31	31	31	31
" 2nd "	A. W. Ross, B.A.	"	2,620	160	31	6	25	24.22	31	31	31	31
" 3rd "	W. Woods, B.A.	"	2,620	160	32	17	15	26.30	32	32	32	32
" 4th "	J. Marr, M.A.	"	2,380	160	30	14	16	26.27	30	30	30	30
" 5th "	Miss G. D. Burris, B.A.	"	2,140	160	29	14	15	24.57	29	29	29	29
" 6th "	H. Chodat, M.A.	"	2,740	160	33	22	11	28.73	33	33	33	33
" 7th "	Miss A. E. Fraser, B.A.	"	2,020	159	26	12	14	17.78	26	26	26	26
" 8th "	Miss A. B. Jamieson, B.A.	"	2,500	159	29	9	20	26.06	29	29	29	29
" 9th "	G. J. McAdam, B.A.	"	2,620	159	28	9	19	24.87	28	28	28	28

SCHOOL-YEAR ENDING JUNE 30TH, 1919—*Continued.*

B.—History and Geography.						C.—Mathematics.				D.—Science.				E.—Classics.				F.	G.—Commercial.				H.—Technical.				
Canadian History & Canadian Civics.	British History.	Roman History.	Grecian History.	General History.	Geography.	Arithmetic.	Algebra.	Geometry.	Trigonometry.	Chemistry.	Physical Science.	Agriculture.	Botany.	Latin.	Greek.	French.	German.	Drawing.	Book-keeping.	Stenography.	Typewriting.	Business Forms and Laws of Business.	Manual Training.	Domestic Science.	Drafting.	Mechanics.	Metalwork.
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92	...	...	...	72	72	98	170	....	..	111	76	....	37	111	..	128	..	68	30	30	30	6	47	54	....	....	....
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297	...	...	...	80	80	355	328	328	..	143	82	....	82	328	11	328	8	166	189	189	189	58	150	290	....	...	....
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HIGH SCHOOLS.

SCHOOL.	TEACHER.	CERTIFICATE.	Salary (Year).	Days School was in Session.	Enrolment.	Boys.	Girls.	Average Daily Attendance.	A.—ENGLISH.			
									Reading.	Writing & Spelling.	Comp. and Rhetoric.	English Literature.
Vancouver—*Concluded:*			$									
King Edward, 10th Div.	Miss C. A. Cameron, B.A.	Academic	2,380	159	31	8	23	24.94	31	31	31	31
" 11th "	J. G. Gordon, M.A.	"	2,140	159	31	10	21	23.86	31	31	31	31
" 12th "	A. B. Maggs, B.A.	"	2,620	159	30	7	23	26.01	30	30	30	30
" 13th "	W. E. Grant, B.A.	"	2,020	159	31	12	19	22.06	31	31	31	31
" 14th "	Miss M. A. Chesley, B.A.	"	1,540	159	35	12	23	27.39	35	35	35	35
" 15th "	D. Ogilvie, M.A.	"	2,140	159	38	14	24	34.11	38	38	38	38
" 16th "	A. W. Vining, M.A.	"	2,140	159	38	10	28	35.88	38	38	38	38
" 17th "	W. G. Armstrong, M.A.	"	2,620	159	41	11	30	33.47	41	41	41	41
" 18th "	C. F. Connor, M.A.	"	1,900	159	42	22	20	35.47	42	42	42	42
" 19th "	S. P. Judge	Art	1,660	159	18	....	18	13.64	18	18	18	18
" 20th "	Miss K. H. McQueen, B.A.	Academic	2,380	159	40	....	40	30.00	40	40	40	40
" 21st "	L. Richardson, B.Sc.	"	2,320	160	16	16	....	11.17	16	16	16	16
" 22nd "	M. B. Saunders	"	2,620	160	35	35	....	27.25	35	35	35	35
" 23rd "	A. B. Tait, M.A.	"	2,140	160	37	37	....	23.84	37	37	37	37
" 24th "	H. A. Jones	Manual Train.		159	48	48	....	36.30	48	48	48	48
" 25th "	S. L. Miller, B.A.	Academic	2,500	159	44	44	....	37.08	44	44	44	44
" 26th "	E. W. Barker	Manual Train.		159	45	45	....	34.27	45	45	45	45
" 27th "	J. G. Sinclair	Academic	2,620	159	43	43	....	33.37	43	43	43	43
					912	482	430	734.77	912	912	912	912
King George, 1st Div.	D. B. Johnston, B.A.	"	2,980	165	35	15	20	28.55	35	35	35	35
" 2nd "	B. J. Wood, B.Sc.	"	2,740	165	33	15	18	26.96	33	33	33	33
" 3rd "	T. H. Roberts, B.A.	"	2,620	165	29	13	16	25.53	29	29	29	29
" 4th "	Miss E. B. Bell, M.A.	"		160	34	19	15	28.86	34	34	34	34
" 5th "	J. R. Sanderson, M.A.	"	2,260	160	35	17	18	27.39	35	35	35	35
" 6th "	Mrs. F. A. Coombs, B.A.	"	2,020	160	37	19	18	29.99	37	37	37	37
" 7th "	C. H. Corkum, B.A.	"	1,900	160	39	23	16	32.83	39	39	39	39
" 8th "	Miss A. Creelman, B.A.	"	1,660	160	39	12	27	32.21	39	39	39	39
" 9th "	G. W. Clark, M.A.	"	2,260	160	37	28	9	30.27	37	37	37	37
" 10th "	St. Clair Caldwell, B.A.	"	1,660	160	42	19	23	32.40	42	42	42	42
" 11th "	I. Crombie, M.A.	"	2,620	160	45	18	27	34.06	45	45	45	45
					405	198	207	329.05	405	405	405	405
Kitsilano, 1st Div.	D. C. Little, B.A.	"	2,860	160	39	15	24	27.06	39	39	39	39
" 2nd "	A. Sutherland, M.A.	"	2,020	160	34	14	20	29.07	34	34	34	34
" 3rd "	Miss M. E. Dewis, B.A.	"	1,660	160	32	12	20	26.76	32	32	32	32
					105	41	64	82.89	105	105	105	105
Cecil Rhodes, 1st Div.	S. W. Mathews, M.A.	"	2,920	160	19	9	10	11.48	19	19	19	19
" 2nd "	W. K. Beech, M.A.	"	2,620	160	41	10	31	29.10	41	41	41	41
" 3rd "	Miss C. M. Bridgeman	Commercial	2,140	160	44	11	33	32.71	44	44	44	44
" 4th "	Miss E. M. Munn, B.A.	Academic	1,900	160	31	....	31	25.94	31	31	31	31
" 5th "	Miss M. Jones	Commercial	1,420	160	34	....	34	28.91	34	34	34	34
" 6th "	Miss E. D. MacQueen, B.A.	Academic	2,140	160	36	15	21	27.22	36	36	36	36
					205	45	160	155.36	205	205	205	205
North, 1st Div.	D. W. Campbell, B.A.	"	2,640	146½	26	10	16	20.61	26	26	26	26
" 2nd "	Miss C. L. Moule, B.A.	"	1,620	141½	21	5	16	14.05	21	21	21	21
" 3rd "	J. V. MacLeod, B.A	"	2,160	141½	30	22	8	21.96	30	30	30	30
" 4th "	Miss M. H. Dey, B.A.	"	1,320	141½	33	7	26	24.49	33	33	33	33
" 5th "	A. H. Scriven, B.A.	"	2,220	142⅔	39	9	30	24.15	39	39	39	39
					149	53	96	105.26	149	149	149	149
South, 1st Div.	J. T. E. Palmer, B.A.	"	3,000	168	32	13	19	28.01	32	32	32	32
" 2nd "	Miss J. J. MacKenzie, M.A.	"	2,160	168	19	6	13	16.71	19	19	19	19
" 3rd "	G. W. MacKinnon, B.A.	"	2,040	163	35	13	22	27.09	35	35	35	35
" 4th "	H. W. L. Laffere, B.A.	"	2,040	163	43	15	28	33.24	43	43	43	43
" 5th "	G. A. Macdonald, B.Sc.	"	1,680	163	20	5	15	13.05	20	20	20	20
" 6th "	Miss F. W. Moule, B.A.	"	1,920	163	41	16	25	37.38	41	41	41	41
" 7th "	Miss G. E. Greggs, B.A.	"	1,440	163	37	16	21	28.07	37	37	37	37
" 8th "	Miss H. McArthur, B.A.	"	1,440	163	39	21	18	29.30	39	39	39	39
" 9th "	F. H. Halstead	Temporary	1,800	163	44	19	25	33.27	44	44	44	44
					310	124	186	246.11	310	310	310	310
Vernon, 1st Div.	T. H. Calder, M.A.	Academic	2,000	161	12	5	7	10.26	12	12	12	12
" 2nd "	Miss L. J. Stewart, B.A.	"	1,500	166	25	7	18	15.19	25	25	25	25
" 3rd "	Miss E. J. Yuill, M.A.	"	1,500	161	37	18	19	27.70	37	37	37	37
					74	30	44	53.15	74	74	74	74

SCHOOL-YEAR ENDING JUNE 30TH, 1919—*Continued.*

B.—History and Geography.						C.—Mathematics.				D.—Science.				E.—Classics.				F.	G.—Commercial.				H.—Technical.				
Canadian History & Canadian Civics.	British History.	Roman History.	Grecian History.	General History.	Geography.	Arithmetic.	Algebra.	Geometry.	Trigonometry.	Chemistry.	Physical Science.	Agriculture.	Botany.	Latin.	Greek.	French.	German.	Drawing.	Book-keeping.	Stenography.	Typewriting.	Business Forms and Laws of Business.	Manual Training.	Domestic Science.	Drafting.	Mechanics.	Metalwork.
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414	...	...	...	202	202	502	912	854	16	754	616	....	278	557	10	847	..	469	...	...	...	187	268	88	16	233	233
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202	...	...	...	203	203	202	405	405	..	183	279	....	107	391	..	342	..	202	...	...	...	...	142	127	....	....	...
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105	...	...	...	...	...	105	105	105	..	....	....	....	....	105	..	105	..	105	...	...	...	....	41	64	....	....	....
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92	...	...	...	47	47	102	110	110	..	77	51	....	21	80	..	110	..	63	39	39	39	10	40	73	....	....	....
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181	19	...	19	31	50	181	246	246	1	130	79	....	78	245	..	245	..	117	63	63	63	19	115	169	....	....	....
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37	...	...	...	11	11	37	74	74	1	36	32	34	25	47	..	73	..	37	...	...	...	....	24	31	....	....	....

HIGH SCHOOLS.

SCHOOL.	TEACHER.	CERTIFICATE.	Salary (Year).	Days School was in Session.	Enrolment.	Boys.	Girls.	Average Daily Attendance.	A.—ENGLISH.			
									Reading.	Writing & Spelling.	Comp. and Rhetoric.	English Literature.
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Victoria, Principal	A. G. Smith, M.A	Academic	3,036									
" 1st Div.	Miss J. A. Cann, B.L	"	2,112	150	49	19	30	31.75	49	49	49	49
" 2nd "	Miss E. Henry, M.A	"	2,112	150	34	15	19	27.01	34	34	34	34
" 3rd "	E. W. H. Smith, M.A	"	2,442	150	32	12	20	25.98	32	32	32	32
" 4th "	J. A. Armstrong, M.A	"	2,442	150	34	22	12	23.92	34	34	34	34
" 5th "	J. L. Cranston, B.A	"	2,046	150	34	11	23	25.23	34	34	34	34
" 6th "	F. Andrews, M.A	"	2,442	150	32	11	21	28.05	32	32	32	32
" 7th "	Miss A. Macleod, M.A	"	1,980	150	34	15	19	30.51	34	34	34	34
" 8th "	T. W. Cornett, B.A	"	2,046	150	34	9	25	27.50	34	34	34	34
" 9th "	H. L. Smith, B.A	"	2,178	150	34	17	17	26.58	34	34	34	34
" 10th "	P. C. Coates, B.Sc	"	1,914	150	36	18	18	24.87	36	36	36	36
" 11th "	E. A. R. Davies, B.A	"	1,716	150	32	5	27	21.83	32	32	32	32
" 12th "	Miss E. F. Roberts, L.L.A	"	1,584	150	29	11	18	18.70	29	29	29	29
" 13th "	Miss J. I. Macleod, B.A	"	1,848	150	31	8	23	27.55	31	31	31	31
" 14th "	Miss M. W. Hamilton, B.A	"	1,848	150	33	9	24	26.38	33	33	33	33
" 15th "	I. Dilworth, B.A	"	2,046	150	30	19	11	24.28	30	30	30	30
" 16th "	T. Steward, B.L	"	1,914	150	30	20	10	23.06	30	30	30	30
" 17th "	C. B. Reynolds, M.A	"	1,500	150	33	12	21	28.30	33	33	33	33
" 18th "	W. E. Cook, B.Sc	"	1,782	150	33	12	21	26.30	33	33	33	33
" 19th "	Miss V. G. Adams	"	1,452	150	34	12	22	25.08	34	34	34	34
" 20th "	Miss A. C. Corry, B.A	"	1,452	150	32	18	14	23.70	32	32	32	32
" 21st "	Miss I. J. McCullough, M.A	"	1,452	150	38	28	10	25.97	38	38	38	38
" 22nd "	J. E. Hamilton, B.A	"	1,650	150	34	8	26	23.31	34	34	34	34
" 23rd "	G. E. Richards, B.Sc	"	1,500	150	35	15	20	23.97	35	35	35	35
" 24th "	J. H. Gunn, M.A	"	1,500	150	35	13	22	22.84	35	35	35	35
					812	339	473	612.47	812	812	812	812
Grand total for High	Schools, 1918-1919				5806	2392	3414	4659.01	5806	5806	5806	5806
" "	" 1917-1918				5150	2151	2999	4200.97	5150	5150	5150	5150

SCHOOL-YEAR ENDING JUNE 30TH, 1919—*Concluded.*

B.—HISTORY AND GEOGRAPHY.						C.—MATHEMATICS.				D.—SCIENCE.				E.—CLASSICS.				F.	G.—COMMERCIAL.				H.—TECHNICAL.				
Canadian History & Canadian Civics.	British History.	Roman History.	Grecian History.	General History.	Geography.	Arithmetic.	Algebra.	Geometry.	Trigonometry.	Chemistry.	Physical Science.	Agriculture.	Botany.	Latin.	Greek.	French.	German.	Drawing.	Book-keeping.	Stenography.	Typewriting.	Business Forms and Laws of Business.	Manual Training.	Domestic Science.	Drafting.	Mechanics.	Metalwork.
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35	....	....	....	....	....	35	35	....	..	....	....	....	....	....	..	....	..	....	35	35	35	....	....	....	....	....	....
35	....	....	....	....	....	35	35	....	..	....	....	....	....	....	..	....	..	.....	35	35	35	....	....	....	....	....	....
398	....	....	1	145	145	459	809	641	43	437	293	53	171	495	1	632	..	294	165	165	165	61	....	....	....	....	....
3068	151	33	166	1053	1250	3409	5251	4726	96	3078	2521	219	1400	3991	22	4605	8	2474	866	866	870	491	1115	1290	16	233	233
....	163	40	164	710	900	3569	5133	4345	77	757	1760	193	1392	4190	6	4080	6	1899	802	802	802	378	1037	1183	169	169	....

GRADED CITY SCHOOLS.

SCHOOL.	TEACHER.	CERTIFICATE.	Annual Salary.	Days School was in Session.	No. of Pupils enrolled.	Boys.	Girls.	Average Daily Attendance.	First Primer.	Second Primer.	First Reader.	Second Reader.	Third Reader.
Alberni, 1st Division	J. Howitt	2nd Class	1,080	161½	36	13	23	27.81	....	....	....	....	23
" 2nd "	Miss D. I. Lyness	2nd "	840	155	42	14	28	31.48	16	6	7	13	....
					78	27	51	59.29	16	6	7	13	23
Armstrong, 1st Division	Miss A. S. Cavers	1st "	1,500	154½	25	11	14	19.28	....	....	....	....	....
" 2nd "	Miss T. Lantz	1st "	1,020	154½	33	20	13	27.17	....	....	....	....	....
" 3rd "	Miss M. I. Lyness	2nd "	900	153½	42	21	21	31.88	....	....	....	....	42
" 4th "	Miss V. I. McTavish	3rd "	840	154½	40	12	28	32.94	....	....	....	23	17
" 5th "	Miss O. McPherson	2nd "	960	154½	35	13	22	27.61	....	....	....	35	....
" 6th "	Miss L. G. Fraser	3rd "	900	154½	43	24	19	34.80	16	27	....	....	....
" 7th "	Mrs. E. P. Dimock	2nd "	1,020	155	47	25	22	31.13	47	....	....	....	....
Manual Training Inst.	A. W. Jones		900	....	....	....	....	....	....	....	....	....	....
Domestic Science Inst.	Miss V. Rabb		792	....	....	....	....	....	....	....	....	....	....
					265	126	139	204.81	63	27	..	58	59
Chilliwack, 1st Division	P. H. Sheffield	1st Class	1,900	172½	30	9	21	29.13	....	....	....	....	....
" 2nd "	Miss M. Williams	1st "	1,020	173	34	19	15	26.22	....	....	....	....	....
" 3rd "	Miss M. E. Jackson	1st "	840	173	41	25	16	31.17	....	....	....	....	41
" 4th "	Miss E. H. Brannick	2nd "	890	173	32	15	17	24.92	....	....	....	....	32
" 5th "	Miss M. Johnston	2nd "	770	173	34	17	17	27.64	....	....	....	....	34
" 6th "	Miss E. M. Cawley	2nd "	900	172½	43	25	18	38.96	....	....	....	43	....
" 7th "	Miss J. B. Thomson	3rd "	720	173	37	20	17	32.77	....	12	25	....	....
" 8th "	Miss M. B. Marshall	2nd "	840	173	32	17	15	27.04	32	....	....	....	....
" 9th "	Miss R. E. Agar	2nd "	960	120	24	10	14	20.37	....	....	....	....	....
Manual Training Inst.	A. Jamieson		480	....	....	....	....	....	....	....	....	....	....
Domestic Science Inst.	Miss F. Stevens		444	....	....	....	....	....	....	....	....	....	....
					307	157	150	258.22	32	12	25	43	107
Courtenay, 1st Div. (Sup.)	A. P. Carter	Academic	1,440	138½	38	14	24	25.04	....	....	....	....	....
" 2nd "	Miss R. E. Downey	3rd Class	1,020	144½	40	14	26	27.02	....	....	....	....	32
" 3rd "	Miss E. J. Gibson	2nd "	900	144½	62	28	34	42.71	25	9	16	12	....
					140	56	84	94.77	25	9	16	12	32
Cranbrook:													
Central, 1st Division	R. S. Shields	Academic	1,860	147	40	18	22	35.30	....	....	....	....	....
" 2nd "	Miss A. Woodland	1st Class	1,200	151	31	16	15	28.29	....	....	....	....	....
" 3rd "	Miss M. K. Mutrie	Academic	960	151	41	15	26	33.69	....	....	....	....	....
" 4th "	Miss S. D. White	3rd Class	1,020	152	44	30	14	38.04	....	....	....	....	44
" 5th "	Miss M. L. Cartwright	3rd "	1,020	151	51	17	34	38.85	....	....	....	....	51
" 6th "	Miss A. J. Howard	1st "	930	151	54	31	23	41.51	....	....	....	54	....
" 7th "	Miss M. I. Fraser	2nd "	900	151	49	21	28	35.58	....	....	49	....	....
" 8th "	Miss M. M. Atherton	2nd "	900	152	51	25	26	41.64	18	33	....	....	....
" 9th "	Miss A. McLennan	3rd "	1,140	152	53	28	25	43.74	53	....	....	....	....
					414	201	213	336.64	71	33	49	54	95
Kootenay Orchards	Miss E. B. Paterson	2nd "	1,020	179	19	8	11	14.08	2	....	1	8	8
South Ward, 1st Div.	Miss M. C. O'Hearn	3rd "	960	151	30	18	12	25.09	....	....	....	16	14
" 2nd "	Miss A. Moisio	2nd "	900	151	44	18	26	32.77	24	11	9	....	....
Manual Training Inst.					....	....	....	....	....	....	....	....	....
					74	36	38	57.86	24	11	9	16	14
Cumberland, 1st Division	Miss M. A. O'Neill	1st Class	1,120	154½	24	15	9	21.42	....	....	....	....	....
" 2nd "	Miss C. Jaynes	2nd "	900	154½	41	22	19	32.64	....	....	....	....	....
" 3rd "	Miss M. E. Whitworth		800	154½	38	14	24	31.44	....	....	....	....	38
" 4th "	Miss A. Potter	2nd Class	750	154½	55	27	28	42.91	....	....	....	....	55
" 5th "	Miss J. MacDonald	2nd "	750	154½	48	26	22	40.24	....	....	....	48	....
" 6th "	Miss A. L. Reese	2nd "	750	154½	46	24	22	38.63	....	....	5	41	....
" 7th "	Miss E. G. Bickle	2nd "	770	154½	47	26	21	39.79	....	28	19	....	....
" 8th "	Miss H. Harrison	2nd "	750	154½	44	21	23	34.73	27	17	....	....	....
" 9th "	Miss J. E. Robertson	2nd "	800	144½	39	21	18	38.66	39	....	....	....	....
" 10th "	Miss H. Watson	2nd "	770	63	31	19	12	27.54	31	....	....	....	....
					413	215	198	348.00	97	45	24	89	93
Duncan, 1st Division	W. Stacey	1st "	1,500	145½	31	8	23	27.44	....	....	....	....	....
" 2nd "	Miss E. Weismiller	2nd "	960	145½	36	23	13	29.48	....	....	....	....	11
" 3rd "	Miss V. B. Macdonald	2nd "	840	145½	37	18	19	32.35	....	....	....	....	37
" 4th "	Miss A. W. Fitzgerald	3rd "	720	145½	41	20	21	33.83	....	....	14	27	....
" 5th "	Miss K. L. MacKay	1st "	840	145½	31	12	19	25.50	20	11	....	....	....
" 6th "	Miss L. C. Henderson	3rd "	720	145½	18	9	9	13.70	7	5	....	6	....
					194	90	104	162.30	27	16	14	33	48

SCHOOL-YEAR ENDING JUNE 30TH, 1919.

NUMBER OF PUPILS IN EACH READER AND IN EACH SUBJECT OF STUDY.

Fourth Reader.	Fifth Reader.	Writing, Dictation and Spelling, and Composition.	Arithmetic.	Nature Lessons and Hygiene.	Drawing.	Geography.	Canadian History and British History.	English Grammar.	English Literature.	Physical Exercises.	Manual Training.	Domestic Science (Needlework, etc.).	Music.	Algebra.	Geometry.	Latin.	French.	Physical Science.	Botany.	Amount paid by Government on account of Teachers' Salaries, etc.	Amount paid by District in addition to Expenditure by Government.
																				$ cts.	$ cts.
13	...	36	36	36	36	36	36	36	13	36	....	.....	.....	....	...	...	...	..	..	1,130 00	2,862 88
....	..	42	42	42	42	13	.....	.....	....	42	...	....	42	....	...	...	...	..	..	.....	.....
13	..	78	78	78	78	49	36	36	13	78	....	....	42	....	...	...	...	..	..	.....	.....
25	...	25	25	25	25	25	25	25	25	25	11	14	.....	....	...	...	.	.	..	6,167 90	14,656 63
33	...	33	33	33	33	33	33	33	33	33	20	13	.....	....	...	...	...	...	..	.....	.....
....	...	42	42	42	42	42	42	42	....	42	21	21	.....	....	...	...	...	...	..	.....	.....
....	..	40	40	40	40	40	17	17	....	40	....	16	.....	....	...	...	...	...	..	.....	.....
....	...	35	35	35	35	35	.....	.....	....	35	....	....	.....	....	...	...	...	...	..	.....	.....
....	..	43	43	43	43	.....	.....	.....	....	43	....	....	.....	....	...	...	...	...	..	.....	.....
....	...	47	47	47	47	.....	.....	.....	....	47	..	....	.....	....	...	...	...	...	..	.....	.....
....	...	.....	.....	.....	.....	.....	.....	.....	....	.....	....	....	.....	....	...	...	...	...	..	.....	.....
....	...	.....	.....	.....	.....	.....	.....	.....	....	.....	....	....	.....	....	...	...	...	...	..	.....	.....
58	...	265	265	265	265	175	117	117	58	265	52	64	.....	....	...	...	...	..	..	.....	.....
30	...	30	30	30	30	30	30	30	30	30	9	21	.....	....	...	...	...	..	..	6,283 30	16,233 00
34	...	34	34	34	34	34	34	34	34	34	19	15	.....	....	...	...	...	..	..	.....	.....
....	...	41	41	41	41	41	41	41	....	41	25	16	.....	....	...	...	...	..	..	.....	.....
....	...	32	32	32	32	32	32	32	....	32	15	17	.....	....	...	...	...	..	..	.....	.....
....	...	34	34	34	34	34	34	34	...	34	....	....	.....	....	...	...	...	..	..	.....	.....
....	..	43	43	43	43	43	....	....	....	43	....	....	.....	....	...	...	...	..	..	.....	.....
...	...	37	37	37	37	.....	.....	.....	....	37	....	....	.....	....	...	...	...	..	..	.....	.....
..	.	32	32	32	32	.....	.....	.....	....	32	....	....	32	....	...	...	...	..	..	.....	.....
24	...	24	24	24	24	24	24	24	24	24	11	13	.....	....	...	...	...	..	..	.....	.....
....	...	.....	.....	.....	.....	.....	.....	.....	....	.....	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	.....	.....	.....	.....	.....	.....	.....	....	.....	....	....	.....	....	...	...	...	..	..	.....	.....
88	...	307	307	307	307	238	195	195	88	307	79	82	32	....	...	...	...	..	..	.....	.....
23	15	38	38	23	33	23	33	23	38	38	....	....	.....	15	15	15	15	5	5	1,695 00	2,525 55
8	...	40	40	40	40	40	40	40	8	40	....	....	.....	....	...	...	...	..	..	.....	.....
....	..	62	62	62	62	12	.....	.....	...	62	....	....	.....	....	...	...	...	..	..	.....	.....
31	15	140	140	140	140	75	73	63	46	140	....	....	.....	15	15	15	15	5	5	.....	.....
40	..	40	40	40	40	40	40	40	40	40	18	....	.....	....	...	...	...	..		7,800 00	20,309 60
31	...	31	31	31	31	31	31	31	31	31	16	15	31	....	...	...	...	..	..	.....	.....
41	..	41	41	41	41	41	41	41	41	41	15	26	41	....	...	...	...	..	..	.....	.....
....	...	44	44	44	44	44	44	44	....	44	30	14	44	....	...	...	...	..	..	.....	.....
....	...	51	51	51	51	51	51	51	....	51	17	34	51	....	...	...	...	..	..	.....	.....
....	...	54	54	54	54	54	.....	.....	....	54	....	....	54	....	...	...	...	..	..	.....	.....
....	...	49	49	49	49	.....	.....	.....	....	49	....	...	49	....	...	...	...	..	..	.....	.....
....	...	51	51	51	51	.....	.....	.....	....	51	....	....	51	....	...	...	...	..	..	.....	.....
....	...	53	53	53	53	.....	.....	.....	....	53	....	....	53	....	...	...	...	..	..	.....	.....
112	..	414	414	414	414	261	207	207	112	414	96	89	374	....	...	...	...	..	..	.....	.....
....	..	19	19	19	19	16	8	8	....	19	....	....	19	....	...	...	...	..	..	.....	.....
....	...	30	30	30	30	30	14	14	....	30	7	....	.....	....	...	...	...	..	..	.....	.....
....	..	44	44	44	44	.....	.....	.....	....	44	....	....	44	....	...	...	...	..	..	.....	.....
....	..	.....	.....	.....	.....	.....	.....	.....	....	.....	....	....	.....	....	...	...	...	..	..	.....	.....
....	..	74	74	74	74	30	14	14	....	74	7	....	44	....	...	...	...	.	..	.....	.....
24	...	24	24	24	24	24	24	24	24	24	....	....	....	....	...	...	...	..	..	10,349 35	4,663 69
41	...	41	41	41	41	41	41	41	41	41	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	38	38	38	38	38	38	38	....	38	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	55	55	55	55	55	55	55	....	55	..	....	.....	....	...	...	...	..	..	.....	.....
....	...	48	48	48	48	48	.....	.....	....	48	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	46	46	46	46	41	.....	.....	....	46	.	....	.....	....	...	...	...	..	..	.....	.....
....	...	47	47	47	47	.....	.....	.....	....	47	....	....	.....	....	...	...	...	..	..	.....	.....
...	.	44	44	44	44	.....	.....	.....	....	44	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	39	39	39	39	.....	.....	.....	....	39	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	31	31	31	31	.....	.....	.....	....	31	....	....	.....	....	...	...	...	..	..	.....	.....
65	...	413	413	413	413	247	158	158	65	413	....	....	.....	....	...	...	...	..	..	.....	.....
31	...	31	31	31	31	31	31	31	31	31	.	....	.....	....	...	...	...	.	..	4,670 00	7,973 56
25	...	36	36	36	36	36	36	36	25	36	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	37	37	37	37	37	37	37	....	37	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	41	41	41	41	27	...	.....	....	41	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	31	31	31	31	.....	.....	.....	....	31	....	....	31	....	...	...	...	..	..	.....	.....
....	...	18	18	18	18	6	.....	.....	....	18	....	....	.....	....	...	...	...	..	..	.....	.....
56	..	194	194	194	194	137	104	104	56	194	....	..	31	....	...	...	...	..	..	.....	.....

GRADED CITY SCHOOLS.

SCHOOL.	TEACHER.	CERTIFICATE.	Annual Salary.	Days School was in Session.	No. of Pupils enrolled.	Boys.	Girls.	Average Daily Attendance.	First Primer.	Second Primer.	First Reader.	Second Reader.	Third Reader.
			$										
Enderby, 1st Division	Miss M. V. Beattie	2nd Class	1,260	194	32	19	13	24.32	...	....	....	....	....
" 2nd "	Miss P. D. Faulkner	1st "	900	194	32	14	18	29.06	....	....	....	....	32
" 3rd "	Miss H. C. Allan	2nd "	840	194	47	23	24	32.85	..	1	13	33	....
" 4th "	Miss A. Carlson	2nd "	900	188	36	19	17	23.68	27	9	....	....	....
					147	75	72	109.91	27	10	13	33	32
Fernie, 1st Division	E. G. Daniels	Academic	2,280	152½	36	16	20	28.73	....	....	..	....	....
" 2nd "	Miss E. M. Hogan	1st Class	1,440	153½	30	16	14	25.99	...	....	....	....	....
" 3rd "	Miss L. M. Burnham	2nd "	1,020	153½	34	16	18	29.66	....	....	....	....	....
" 4th "	Miss M. L. Corbett	Academic	1,020	153½	36	18	18	32.19	....	....	....	....	36
" 5th "	Miss E. C. Stott	1st Class	1,050	153½	35	15	20	30.12	....	....	....	....	35
" 6th "	Miss A. L. MacLachlan	2nd "	1,020	144½	36	16	20	31.48	....	....	....	....	36
" 7th "	Miss A. O'Hearn	2nd "	1,080	153½	39	21	18	36.04	....	....	....	....	39
" 8th "	Miss F. Macdonald	1st "	1,200	153½	37	18	19	31.42	....	....	....	....	37
" 9th "	Miss N. O'Callaghan	3rd "	1,020	147	40	13	27	38.66	....	....	....	....	40
" 10th "	Miss M. L. Wade	2nd "	1,050	153½	41	24	17	37.08	....	....	....	41	....
" 11th "	Miss A. Startt	1st "	1,140	153½	45	17	28	39.27	....	....	....	45	....
" 12th "	Miss F. E. Hamill	2nd "	1,050	153½	42	25	17	38.30	....	....	....	42	....
" 13th "	Miss B. K. Hamill	2nd "	1,170	152½	45	24	21	36.70	....	....	10	35	....
" 14th "	Miss F. Gilchrist	3rd "	1,020	152½	44	29	15	37.29	....	....	44	....	....
" 15th "	Miss N. F. Crocker	1st "	1,140	153½	43	18	25	37.12	....	28	15	....	....
" 16th "	Miss I. Dicken	3rd "	1,140	153	43	20	23	35.91	43	....	....	....	....
" 17th "	Miss C. McEwen	2nd "	1,020	153½	38	19	19	34.72	....	....	23	15	....
" 18th "	Miss E. M. Bell	2nd "	1,050	153	34	17	17	29.12	33	1	....	....	....
" 19th "	Miss F. G. McVicar	3rd "	1,020	150	43	25	18	38.03	..	....	1	42	....
" 20th "	Mrs. A. Elley	3rd "	1,170	153½	36	13	23	28.50	14	7	15	....	....
" 21st "	Miss M. C. Elliott	1st "	1,170	151½	38	18	20	31.46	....	21	17	....	....
" 22nd "	Miss J. Elliott	1st "	1,170	153½	40	17	23	35.68	40	....	....	....	....
					855	415	440	743.47	130	57	125	220	223
Grand Forks, 1st Division	H. A. Glaspell	1st "	1,740	122	27	10	17	22.81	....	....	....	....	....
" 2nd "	Miss E. A. Sewell	3rd "	1,080	123	32	15	17	28.67	....	....	....	....	....
" 3rd "	Miss H. McEwen	3rd "	930	123	45	20	25	36.06	....	....	....	....	45
" 4th "	Miss S. E. McLoughlin	Temporary	900	128	44	23	21	36.13	....	....	....	....	44
" 5th "	Miss B. J. O'Brien	1st Class	900	125	45	25	20	35.00	....	....	....	45	....
" 6th "	Miss J. A. Stewart	2nd "	960	128	46	26	20	38.03	....	....	16	30	....
" 7th "	Miss M. E. Harrigan	3rd "	930	126	50	23	27	42.34	....	27	23	....	....
" 8th "	Miss C. Hall	3rd "	930	128	44	25	19	38 01	4	32	8	....	....
" 9th "	Miss C. R. Munro	2nd "	1,020	128	55	21	34	38.00	55	....	....	....	....
					388	188	200	315.05	59	59	47	75	89
Greenwood, 1st Division	R. B. Masterton	1st "	1,440	148½	35	21	14	27.50	....	....	....	....	....
" 2nd "	Miss A. E. Kerr	2nd "	900	149	45	27	18	35.37	..	....	....	13	25
" 3rd "	Miss M. A. Munroe	2nd "	840	153½	39	23	16	31.12	19	6	9	5	....
					119	71	48	93.99	19	6	9	18	25
Kamloops, 1st Division	W. H. Gray	1st "	1,800	152	36	14	22	29.87	....	....	....	....	....
" 2nd "	A. W. Cullen	3rd "	1,260	152	44	19	25	36.87	....	....	....	....	....
" 3rd "	Miss L. E. Dundas	2nd "	840	152	39	22	17	34.74	....	....	....	....	25
" 4th "	Wm. E. Graham	2nd "	1,080	147	42	25	17	34.94	....	....	....	....	42
" 5th "	Miss H. L. Winterbottom	2nd "	840	151	46	19	27	34.74	....	....	....	....	46
" 6th "	Miss M. K. Parsons	3rd "	900	152	38	19	19	33.83	....	....	....	....	38
" 7th "	Miss E. M. Green, B.A.	Academic	840	152	39	22	17	32.46	....	....	....	39	....
" 8th "	Miss M. D. Bird	2nd Class	960	151	37	23	14	30.33	...	....	13	24	....
" 9th "	Miss I. Crawford	2nd "	900	152	41	16	25	34.42	....	....	41	...	....
" 10th "	Miss M. H. Dandy	2nd "	840	152	39	22	17	28.77	39	....	....	....	....
" 11th "	Miss E. R. Austin	1st "	840	152	42	23	19	35.95	42	....	....	....	....
" 12th "	Miss F. K. Lawrence	3rd "	840	152	45	23	22	35.61	1	44	....	...	....
" 13th "	Miss L. M. Curtis	2nd "	840	75½	40	17	23	27.11	40	....	....	....	....
					528	264	264	429.64	122	44	54	63	151
Kaslo, 1st Division	F. L. Murphy	Academic	1,620	148	45	11	34	35.99	....	....	....	....	....
" 2nd "	Miss E. M. Ballantine	3rd Class	915	149	47	24	23	40.13	....	....	....	....	47
" 3rd "	Miss C. M. Bell	1st "	920	148	43	22	21	36.71	....	....	14	29	....
" 4th "	Mrs. E. J. Lambert	Temporary	900	138	41	23	18	31.04	29	12	...	....	....
					176	80	96	143.87	29	12	14	29	47
Kelowna, 1st Division	J. Gordon, M.A.	Academic	1,920	157½	31	12	19	23.67	....	....	....	....	....
" 2nd "	Miss C. Caldwell, B.A.	"	1,140	153	30	14	16	25.16	....	....	....	....	....
" 3rd "	Miss M. Page	2nd Class	960	157½	38	17	21	31.34	....	....	....	....	....

SCHOOL-YEAR ENDING JUNE 30TH, 1919—*Continued.*

NUMBER OF PUPILS IN EACH READER AND IN EACH SUBJECT OF STUDY.																				Amount paid by Government on account of Teachers' Salaries, etc.	Amount paid by District in addition to Expenditure by Government.
Fourth Reader.	Fifth Reader.	Writing, Dictation and Spelling, and Composition.	Arithmetic.	Nature Lessons and Hygiene.	Drawing.	Geography.	Canadian History and British History.	English Grammar.	English Literature.	Physical Exercises.	Manual Training.	Domestic Science (Needlework, etc.).	Music.	Algebra.	Geometry.	Latin.	French.	Physical Science.	Botany.	$ cts.	$ cts.
32	...	32	32	32	32	32	32	32	32	32	19	13	.....	...	...	...	...	..	..	2,825 00	6,538 67
....	...	32	32	32	32	32	32	32	....	32	14	18	.....	...	...	...	...	..	..	.....	.....
....	...	47	47	47	47	33	.....	.....	....	47	....	....	.....	...	...	...	...	..	..	.....	.....
....	...	36	36	36	36	.....	...	.....	....	36	....	....	.....	...	...	...	...	..	..	.....	.....
32	...	147	147	147	147	97	64	64	32	147	33	31	.....	...	...	...	...	..	..	.....	.....
36	...	36	36	36	36	36	36	36	36	36	....	....	.....	....	...	...	...	..	..	12,480 00	29,296 01
30	...	30	30	30	30	30	30	30	30	30	....	....	30	....	...	...	...	..	..	.....	.....
34	...	34	34	34	34	34	34	34	34	34	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	36	36	36	36	36	36	36	....	36	...	...	.....	....	...	...	...	..	..	.....	.....
....	...	35	35	35	35	35	35	35	....	35	...	...	.....	....	...	...	...	..	..	.....	.....
....	...	36	36	36	36	36	36	36	....	36	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	39	39	39	39	39	93	39	....	39	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	37	37	37	37	37	37	37	....	37	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	40	40	40	40	40	40	40	....	40	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	41	41	41	41	41	.....	.....	....	41	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	45	45	45	45	45	.....	.....	....	45	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	42	42	42	42	42	.....	.....	....	42	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	45	45	45	45	35	.....	.....	....	45	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	44	44	44	44	.....	.....	.....	....	44	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	43	43	43	43	.....	.....	.....	....	43	....	....	43	....	...	...	...	..	..	.....	.....
....	...	43	43	43	43	.....	.....	.....	....	43	....	....	43	....	...	...	...	..	..	.....	.....
....	...	38	38	38	38	15	.....	.....	....	38	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	34	34	34	34	.....	.....	.....	....	34	....	....	34	....	...	...	...	..	..	.....	.....
....	...	43	43	43	42	.....	.....	.....	....	43	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	36	36	36	36	.....	.....	.....	....	36	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	38	38	38	38	.....	.....	.....	....	38	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	40	40	40	40	.....	.....	.....	....	40	....	....	.....	....	...	...	...	..	..	.....	.....
100	...	855	855	855	855	543	323	323	100	855	....	....	150	....	...	...	...	..	..	.....	.....
27	...	27	27	27	27	27	27	27	27	27	....	....	.....	....	...	...	...	..	..	6,283 35	13,440 51
32	...	32	32	32	32	32	32	32	32	32	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	45	45	45	45	45	45	45	....	45	....	....	.....	....	...	...	...	..	..	.....	.....
...	...	44	44	44	44	44	44	44	....	44	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	45	45	45	45	45	.....	.....	....	45	....	....	45	....	...	...	...	..	..	.....	.....
....	...	46	46	46	46	30	.....	.....	....	46	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	50	50	50	50	.....	.....	.....	....	50	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	44	44	44	44	.....	.....	.....	....	44	....	....	44	....	...	...	...	..	..	.....	.....
....	...	55	55	55	55	.....	.....	.....	....	55	....	....	.....	....	...	...	...	..	..	.....	.....
59	...	388	388	388	388	223	148	148	59	388	....	....	89	....	...	...	...	..	..	.....	.....
35	...	35	35	35	35	35	35	35	35	35	....	....	.....	....	...	...	...	..	..	2,260 00	3,449 90
7	...	45	45	45	45	45	32	32	7	45	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	39	39	39	39	5	.....	.....	....	39	....	....	.....	....	...	...	...	..	..	.....	.....
42	...	119	119	119	119	85	67	67	42	119	....	....	.....	....	...	...	...	..	..	.....	.....
36	...	36	36	36	36	36	36	36	36	36	....	....	36	....	...	...	...	..	..	8,493 30	23,884 19
44	...	44	44	44	44	44	44	44	44	44	....	....	44	....	...	...	...	..	..	.....	.....
14	...	39	39	39	39	39	39	39	14	39	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	42	42	42	42	42	42	42	...	42	...	...	.....	....	...	...	...	..	..	.....	.....
....	...	46	46	46	46	46	46	46	....	46	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	38	38	38	38	38	38	38	....	38	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	39	39	39	39	.....	.....	.....	....	39	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	37	37	37	37	24	.....	.....	....	37	...	....	37	...	...	...	...	..	..	.....	.....
....	...	41	41	41	41	.....	.....	.....	....	41	....	....	41	....	...	...	...	..	..	.....	.....
....	...	39	39	39	39	.....	.....	.....	....	39	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	42	42	42	42	.....	.....	.....	....	42	....	....	42	....	...	...	...	..	..	.....	.....
....	...	45	45	45	45	.....	.....	.....	....	45	....	....	45	....	...	...	...	..	..	.....	.....
...	...	40	40	40	40	.....	.....	.....	....	40	....	....	.....	....	...	...	...	..	..	.....	.....
94	...	528	528	528	528	308	245	245	94	528	....	....	245	....	...	...	...	..	..	.....	.....
45	...	45	45	45	45	45	45	45	45	45	....	....	.....	....	...	...	...	..	..	5,190 00	9,890 76
....	...	47	47	47	47	47	47	47	....	47	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	43	43	43	43	29	.....	.....	....	43	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	41	41	41	41	.....	.....	.....	....	41	....	....	.....	....	...	...	...	..	..	.....	.....
45	...	176	176	176	176	121	92	92	45	176	....	....	.....	....	...	...	...	..	..	.....	.....
31	...	31	31	31	31	31	31	31	31	31	12	19	.....	....	...	...	...	..	..	6,760 00	15,472 00
30	...	30	30	30	30	30	30	30	30	30	14	16	.....	....	...	...	...	..	..	.....	.....
38	...	38	38	38	38	38	38	38	38	38	....	....	.....	....	...	...	...	..	..	.....	.....

GRADED CITY SCHOOLS.

SCHOOL.	TEACHER.	CERTIFICATE.	Annual Salary.	Days School was in Session.	No. of Pupils enrolled.	Boys.	Girls.	Average Daily Attendance.	First Primer.	Second Primer.	First Reader.	Second Reader.	Third Reader.
			$										
Kelowna, 4th Division....	Miss A. M. Hunter.....	1st Class....	840	157½	39	22	17	32.65	....	....	....	....	39
" 5th "	Miss D. J. Leckie	2nd "	840	157½	42	16	26	31.82	....	....	....	....	42
" 6th " ...	Miss M. E. Bowser.....	3rd "	840	157½	40	16	24	33.53	....	....	....	....	40
" 7th "	Miss H. M. Ritchie.....	2nd "	840	157½	39	22	17	26.71	....	....	....	39	....
" 8th "	Miss E. M. Thomson	3rd "	900	157½	35	16	19	30.75	....	....	....	35	....
" 9th "	Miss E. Davies.....	2nd "	900	158	41	18	23	35.44	....	....	18	23	....
" 10th "	Miss P. W. Raymer	2nd "	840	157½	38	18	20	31.90	2	17	19	....	....
" 11th "	Miss M. V. Wood...	2nd " ...	1,120	154½	39	20	19	28.02	39	....	....	....	....
Manual Training Inst....	W. C. Mitchell.....	Man. Train .	1,860		....	....	....	....	....	....	....	....	....
Domestic Science Inst...	Miss A. MacFarlane.....	"	1,620		....	....	....	....	....	....	....	....	....
					412	191	221	330.99	41	17	37	97	121
Ladysmith, 1st Division.	H. Martin	1st Class....	1,620	144	26	9	17	21.30	....	....	....	....	....
" 2nd "	Miss J. C. Dunse.....	2nd "	1,020	130½	41	14	27	32.54	....	....	....	....	....
" 3rd "	Miss E. A. Wille	2nd "	780	144	43	21	22	31.03	....	....	....	....	25
" 4th "	Miss G. C. Coulter.....	2nd "	780	144	34	17	17	28.51	....	....	....	....	34
" 5th "	Miss M. F. Glen.....	2nd "	900	144	36	16	20	22.21	....	....	....	....	36
" 6th "	Miss H. Fraser.....	2nd "	780	133	28	13	15	27.51	....	....	....	....	28
" 7th "	Miss K. M. Hill.....	3rd "	720	144	41	20	21	33.67	....	....	....	41	....
" 8th "	Miss E. M. Bauld.....	2nd "	720	144	37	13	24	32.76	....	....	37	....	....
" 9th "	Miss M. W. Dunse.....	2nd "	720	133	33	13	20	31.38	....	33	....	....	....
" 10th "	Miss J. C. McGirr.....	3rd "	720	144	35	22	13	29.47	35	....	....	....	....
" 11th "	Miss E. Croston.....	2nd "	900	128	28	15	13	26.60	28	....	....	....	....
					382	173	209	326.98	63	33	37	41	123
Merritt, 1st Division (Sup.)	L. E. Morrissey.....	1st "	1,700	164½	31	11	20	22.31	....	....	....	....	....
" 2nd "	Miss C. Ritchie.....	2nd "	920	169½	42	17	25	30.43	....	....	....	....	15
" 3rd " ...	Miss C. Batten.....	2nd "	900	169½	43	26	17	29.92	....	....	....	....	43
" 4th " ...	Miss L. C. Estey.....	3rd "	780	169½	40	20	20	34.03	....	....	....	17	23
" 5th "	Miss M. E. Newby.....	2nd "	820	169½	48	20	28	33.59	....	....	26	22	....
" 6th "	Miss M. H. Walsh.....	2nd "	800	169½	39	21	18	33.54	20	19	....	....	....
" 7th "	Miss T. Nelson.....	2nd "	900	169½	34	18	16	31.61	34	....	....	....	....
					277	133	144	215.43	54	19	26	39	81
Nanaimo :													
Middle Ward, 1st Div..	Miss E. E. Brown.....	3rd "	1,100	162½	38	18	20	33.25	....	....	....	38	....
" 2nd " ..	Miss E. A. Cunningham.	3rd "	940	162½	32	14	18	26.29	....	....	11	21	....
" 3rd " ..	Miss M. M. Stewart.....	2nd "	880	162½	43	21	22	34.40	....	30	13	....	....
" 4th " ..	Miss I. S. Irwine.....	1st "	1,000	162½	43	30	13	35.01	43	....	....	....	....
					156	83	73	128.95	43	30	24	59	....
Quennell, 1st Division..	R. H. Manzer, B.A.....	Academic....	1,850	162½	36	12	24	30.79	....	....	....	....	....
" 2nd " ..	Miss L. A. Mebius.....	2nd Class ..	1,300	157½	32	15	17	27.83	....	....	....	....	....
" 3rd " ..	Miss M. Woodman.....	2nd "	1,000	162½	29	17	12	22.37	....	....	....	....	....
" 4th " ..	Miss E. J. Dick	2nd "	1,060	162½	36	22	14	28.63	....	....	....	....	....
" 5th " ..	Miss M. P. Haarer.....	2nd "	1,300	157½	30	11	19	25.77	....	....	....	....	....
" 6th " ..	Miss E. K. Rogers.....	1st "	1,000	162½	31	13	18	24.67	....	....	....	....	....
" 7th " ..	Miss R. D. Peto.....	2nd "	820	162½	37	18	19	29.00	....	....	....	....	37
" 8th " ..	Miss K. I. Parrott.....	3rd "	1,000	162½	46	22	24	36.71	....	....	....	....	46
" 9th " ..	Miss A. V. Mills.....	Academic....	1,000	162½	46	20	26	37.89	....	....	....	....	46
" 10th " ..	Miss S. E. Hardy	2nd Class....	880	162½	46	29	17	35.71	....	....	....	....	46
" 11th " ..	Miss E. M. Anderson....	2nd "	940	162½	47	22	25	34.22	....	....	....	....	47
" 12th " ..	Miss N. M. Jenkins.....	Temp	880	162½	43	21	22	32.44	....	....	....	....	43
" 13th " ..	Miss V. L. Gordon.....	2nd Class....	1,000	162	43	19	24	35.77	....	43	....	....	....
" 14th " ..	Miss I. K. Haarer	3rd "	1,000	162½	49	21	28	37.67	....	....	....	49	....
" 15th " ..	Miss H. M. McArthur...	2nd "	880	162½	56	30	26	45.72	....	....	56	....	....
" 16th " ..	Miss D. Fisher.....	1st "	1,000	162½	52	26	26	39.54	....	52	....	....	....
" 17th " ..	Miss A. A. Rowa.....	3rd "	1,000	162½	54	27	27	40.23	54	....	....	....	....
" 18th " ..	Miss M. M. Steele.....	2nd "	820	162½	58	36	22	44.41	58	....	....	....	....
					771	381	390	609.37	112	95	56	49	265
South Ward, 1st Div..	Miss M. L. Lowther. ...	3rd "	880	162½	50	26	24	42.48	....	....	....	50	....
" 2nd " ..	Miss M. W. Mercer	3rd "	940	162½	53	35	18	42.22	....	35	18	....	....
" 3rd " ..	Miss E. H. Gardiner.....	2nd "	1,060	162½	54	28	26	40.90	54	....	....	....	....
Manual Training Inst..	T. Spencer.....	.....	1,420	....	....	....	....	....	....	....	....	....	....
Domestic Science Inst.	Miss Margaret Davidson	.....	1,200	....	....	....	....	....	....	....	....	....	....
					157	89	68	125.60	54	35	18	50	....
Nelson, 1st Division.....	H. McArthur.....	1st Class....	2,280	153	27	16	11	23.53	....	....	....	....	....
" 2nd "	G. Macdonald, B.A.....	Academic....	1,300	153	30	13	17	24.72	....	....	....	....	....

SCHOOL-YEAR ENDING JUNE 30TH, 1919—*Continued.*

NUMBER OF PUPILS IN EACH READER AND IN EACH SUBJECT OF STUDY.																				Amount paid by Government on account of Teachers' Salaries, etc.	Amount paid by District in addition to Expenditure by Government.
Fourth Reader.	Fifth Reader.	Writing, Dictation and Spelling, and Composition.	Arithmetic.	Nature Lessons and Hygiene.	Drawing.	Geography.	Canadian History and British History.	English Grammar.	English Literature.	Physical Exercises.	Manual Training.	Domestic Science (Needlework, etc.).	Music.	Algebra.	Geometry.	Latin.	French.	Physical Science.	Botany.	$ cts.	$ cts.
....	...	39	39	39	39	39	39	39	....	39	....	....	.....	....	....	....	....	..	..	.....	.....
....	...	42	42	42	42	42	42	42	....	42	....	....	.....	....	....	....	....	..	..	.....	.....
....	...	40	40	40	40	40	40	40	....	40	....	....	40	..	....	....	....	..	..	.....	.....
....	...	39	39	39	39	39	.....	.....	....	39	....	....	39	....	....	....	....	..	..	.....	.....
....	...	35	35	35	35	35	.....	.....	....	35	....	....	35	....	....	....	....	..	..	.....	.....
....	...	41	41	41	41	23	.....	.....	....	41	....	....	41	....	....	....	....	..	..	.....	.....
....	...	38	38	38	38	.....	.....	.....	....	38	....	....	.....	....	....	....	....	..	..	.....	.....
....	...	39	39	39	39	.....	.....	.....	....	39	....	....	39	....	....	....	....	..	..	.....	.....
....	...	.....	.....	.....	.....	.....	.....	.....	....	.....	....	....	.....	....	....	....	....	..	..	.....	.....
....	...	.....	.....	.....	.....	.....	.....	.....	....	.....	....	....	.....	....	....	....	....	..	..	.....	.....
99	...	412	412	412	412	317	220	220	99	412	26	35	194	....	....	....	....	..	..	.....	.....
26	...	26	26	26	26	26	26	26	26	26	9	....	26	....	....	....	....	..	..	6,890 00	11,426 75
41	...	41	41	41	41	41	41	41	41	41	14	....	41	....	....	....	....	..	..	.....	.....
18	...	43	43	43	43	43	43	43	18	43	21	....	43	....	....	....	....	..	..	.....	.....
....	...	34	34	34	34	34	34	34	....	34	17	....	34	....	....	....	....	..	..	.....	.....
....	..	36	36	36	36	36	36	36	....	36	16	....	36	....	....	....	....	..	..	.....	.....
...	...	28	28	28	28	28	28	28	....	28	13	....	28	....	....	....	....	..	..	.....	.....
....	...	41	41	41	41	41	.....	.....	..	41	....	....	41	....	....	....	....	..	..	.....	.....
....	...	37	37	37	37	.....	.....	.....	....	37	....	....	37	....	....	....	....	..	..	.....	.....
....	...	33	33	33	33	.....	.....	.....	....	33	....	....	33	....	....	....	....	..	..	.....	.....
....	...	35	35	35	35	.....	.....	.....	....	35	....	....	35	....	....	....	....	..	..	.....	.....
....	...	28	28	28	28	.....	.....	.....	....	28	...	....	28	....	....	....	....	..	..	.....	.....
85	...	382	382	382	382	249	208	208	85	382	90	....	382	....	....	....	....	..	..	.....	.....
16	15	31	25	16	25	16	25	16	31	31	....	....	.....	15	15	15	6	15	6	4,002 05	6,757 59
27	...	42	42	42	42	42	42	42	27	42	....	...	....	....	...	....	....	..	..	.....	.....
....	...	43	43	43	43	43	43	43	...	43	....	....	.....	....	....	....	....	..	..	.....	.....
....	...	40	40	40	40	40	23	23	...	40	....	....	40	....	....	....	....	..	..	.....	.....
....	...	48	48	48	48	22	.....	.....	....	48	....	....	.....	....	....	....	....	..	..	.....	.....
....	...	39	39	39	39	.....	.....	.....	....	39	...	....	39	....	....	....	....	..	..	.....	.....
....	...	34	34	34	34	.....	.....	.....	....	34	...	....	34	....	....	....	....	..	..	.....	.....
43	15	277	277	277	277	163	133	124	58	277	....	....	113	15	15	15	6	15	6	.....	.....
....	...	38	38	38	38	38	.....	.....	....	38	....	....	.....	....	....	....	....	..	..	16,800 00	27,969 89
....	...	32	32	32	32	21	.....	.....	....	32	....	....	.....	....	....	....	....	..	..	.....	.....
....	...	43	43	43	43	.....	.....	.....	....	43	....	....	43	....	....	....	....	..	..	.....	.....
....	...	43	43	43	43	.....	.....	.....	....	43	....	....	.....	....	....	....	....	..	..	.....	.....
....	...	156	156	156	156	59	.....	.....	....	156	....	....	43	....	....	....	....	..	..	.....	.....
36	...	36	36	36	36	36	36	36	36	36	12	24	.....	....	....	....	....	..	..	.....	.....
32	...	32	32	32	32	32	32	32	32	32	15	17	.....	....	....	....	....	..	..	.....	.....
29	...	29	29	29	29	29	29	29	29	29	17	12	.....	....	....	....	....	..	..	.....	.....
36	...	36	36	36	36	36	36	36	36	36	....	....	.....	....	....	....	....	..	..	.....	.....
30	...	30	30	30	30	30	30	30	30	30	11	19	.....	....	....	....	....	..	..	.....	.....
31	...	31	31	31	31	31	31	31	31	31	13	18	.....	....	....	....	....	..	..	.....	.....
....	...	37	37	37	37	37	37	37	....	37	18	19	.....	....	....	....	....	..	..	.....	.....
....	...	46	46	46	46	46	46	46	....	46	22	24	.....	....	....	....	....	..	..	.....	.....
....	...	46	46	46	46	46	46	46	....	46	20	26	.....	....	....	....	....	..	..	.....	.....
....	...	46	46	46	46	46	46	46	....	46	....	....	.....	....	....	....	....	..	..	.....	.....
....	...	47	47	47	47	47	47	47	....	47	....	....	.....	....	....	....	....	..	..	.....	.....
....	...	43	43	43	43	43	43	43	....	43	....	....	43	....	....	....	....	..	..	.....	.....
....	...	43	43	43	43	.....	.....	.....	....	43	....	....	43	....	....	....	....	..	..	.....	.....
....	...	49	49	49	49	49	.....	.....	....	49	...	....	.....	....	....	....	....	..	..	.....	.....
....	...	56	56	56	56	.....	.....	.....	....	56	....	....	.....	....	....	....	....	..	..	.....	.....
....	...	52	52	52	52	.....	.....	.....	....	52	....	....	.....	....	....	....	....	..	..	.....	.....
....	...	54	54	54	54	.....	.....	.....	....	54	....	....	.....	....	....	....	....	..	..	.....	.....
....	...	58	58	58	58	.....	.....	.....	....	58	....	....	.....	....	....	....	....	..	..	.....	.....
194	...	771	771	771	771	508	459	459	194	771	128	159	86	....	....	....	....	..	..	.....	.....
....	...	50	50	50	50	50	.....	.....	....	50	....	....	.....	....	....	....	....	..	..	.....	.....
....	...	53	53	53	53	.....	.....	.....	....	53	....	....	.....	....	....	....	....	..	..	.....	.....
....	...	54	54	54	54	.....	.....	.....	....	54	...	....	.....	....	....	....	....	..	..	.....	.....
....	...	.....	.....	.....	.....	.....	.....	.....	....	.....	....	....	.....	....	....	....	....	..	..	.....	.....
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....	...	.....	.....	.....	.....	.....	.....	.....	....	.....	....	....	.....	....	....	....	....	..	..	.....	.....
....	...	157	157	157	157	50	.....	.....	....	157	....	....	86	....	....	....	....	..	..	.....	.....
27	...	27	27	27	27	27	27	27	27	27	16	11	.....	....	....	....	....	..	..	13,000 00	30,352 16
30	...	30	30	30	30	30	30	30	30	30	13	17	.....	....	....	....	....	..	..	.....	.....

GRADED CITY SCHOOLS.

SCHOOL.	TEACHER.	CERTIFICATE.	Annual Salary.	Days School was in Session.	No. of Pupils enrolled.	Boys.	Girls.	Average Daily Attendance.	First Primer.	Second Primer.	First Reader.	Second Reader.	Third Reader.
			$										
Nelson, 3rd Division	Miss E. M. Smith	3rd Class	1,100	153	38	13	25	29.92					
" 4th "	Miss M. Irvine	2nd "	1,000	153	37	18	19	28.72					
" 5th "	Miss S. A. Magee	2nd "	825	153	39	25	14	34.27					39
" 6th "	Miss G. Steeves	3rd "	900	153	40	22	18	35.61					40
" 7th "	Miss M. Bealby	2nd "	875	153	38	19	19	28.40					38
" 8th "	Miss P. G. Whitebread	2nd "	850	153	32	21	11	26.67					32
" 9th "	Miss E. Etter	2nd "	900	144	32	19	13	30.69					32
" 10th "	Miss C. E. Wallach	2nd "	800	153	40	25	15	32.30				40	
" 11th "	Miss H. M. Hodgson	2nd "	750	153	40	26	14	32.66				40	
" 12th "	Miss E. M. Long	3rd "	750	153	49	21	28	37.15				49	
" 13th "	Miss E. Ferguson	2nd "	725	153	47	22	25	37.95			47		
" 14th "	Miss A. C. Bloomer	2nd "	725	153	38	22	16	30.22		38			
" 15th "	Mrs. M. H. MacEwan	1st "	800	153	42	16	26	35.17	26		16		
" 16th "	Miss M. L. Astley	Academic	925	153	46	23	23	35.18	46				
" 17th "	Miss M. E. McArthur	2nd Class	1,025	152	51	35	16	37.34	51				
Manual Training Inst.	J. W. Bennett		1,600										
Domestic Science Inst.	Miss H. Mulhern		1,200										
					666	356	310	540.50	123	38	63	129	181
New Westminster:													
F. W. Howay, 1st Div.	L. Lambert, B.A.	Academic	2,070	169½	43	13	30	36.98					
" 2nd "	Miss B. Beddie	1st Class	1,200	170	27	12	15	25.70					
" 3rd "	Miss F. Eickhoff	2nd "	1,050	169½	22	5	17	20.87					
" 4th "	Miss M. Gladwell, L.L.A.	Academic	1,050	169½	31	14	17	27.63					
" 5th "	Miss B. M. Bournes	1st Class	930	169½	31	19	12	28.80					31
" 6th "	Miss L. M. Lane, B.A.	Academic	840	169½	37	18	19	29.20					37
" 7th "	Miss V. M. Fisher	2nd Class	840	169½	31	14	17	25.31					31
" 8th "	Miss M. S. Homer	2nd "	1,050	169½	39	19	20	34.19				39	
" 9th "	Miss M. Godson	2nd "	1,050	169½	42	25	17	37.53			19	23	
" 10th "	Miss R. Ashburne	1st "	1,050	169½	46	17	29	33.23	22	24			
" 11th "	Miss C. E. Maxwell	2nd "	930	169½	34	19	15	27.71	34				
" 12th "	Miss E. B. Newby	2nd "		77	33	12	21	28.98					33
					416	187	229	356.13	56	24	19	62	132
Lord Kelvin, 1st Div.	Miss J. F. Rowan	2nd "	1,590	170	30	12	18	29.63				30	
" 2nd "	Miss M. Smith	2nd "	780	170	35	11	24	33 98				35	
" 3rd "	Miss I. Oliver	3rd "	870	170	32	16	16	29.42				32	
" 4th "	Miss M. G. Wilkie	3rd "	870	170	53	27	26	37.86			53		
" 5th "	Miss E. D. Brice	2nd "	780	170	47	29	18	35.17		47			
" 6th "	Miss B. J. Bowell	3rd "	870	170	29	13	16	27.29	29				
" 7th "	Miss J. P. Davidson	1st "	1,050	170	46	25	21	29.18	46				
" 8th "	Miss M. Louhead	2nd "	840	170	36	18	18	26.96	36				
					308	151	157	249.49	111	47	53	97	
Lord Lister, 1st Div.	F. O. Canfield	1st "	2,070	170	38	14	24	27.38					
" 2nd "	Miss R. S. Gilley	1st "	1,140	170	23	8	15	20.42					
" 3rd "	Mrs. A. L. Larnder	2nd "	780	170	30	15	15	26.48					
" 4th "	Miss A. M. Mercer	2nd "	840	170	35	13	22	29.15					
" 5th "	Miss C. M. Rennie	2nd "	1,050	170	38	17	21	33.15					
" 6th "	Miss I. Turnbull	2nd "	720	170	40	22	18	35.45					40
" 7th "	Miss E. M. Matheson	2nd "	840	170	46	26	20	38.23					46
" 8th "	Miss M. F. Richards	1st "	780	170	45	23	22	36.32					45
" 9th "	Miss A. Taylor	2nd "	720	97	35	18	17	29.63					35
					330	156	174	276.21					166
Richard McBride, 1st D.	G. S. Summers	1st "	2,070	167	32	13	19	23.54					
" 2nd "	Miss E. E. Knight	2nd "	1,140	170	43	17	26	37.33					
" 3rd "	Miss B. McLean	1st "	1,050	170	52	26	26	38.24					52
" 4th "	Miss E. O. Robertson	2nd "	840	170	47	23	24	34.32					47
" 5th "	Miss M. H. Anderson	2nd "	930	170	50	23	27	35.24				19	31
" 6th "	Miss J. Oswald	2nd "	1,050	170	40	18	22	31.89				40	
" 7th "	Miss M. D'Easum	1st "	930	170	42	18	24	32.60		18	24		
" 8th "	Miss A. P. Bowell	2nd "	1,050	170	41	21	20	33.12	35	6			
" 9th "	Miss A. B. Peebles	2nd "	840	170	42	16	26	30.12	42				
					389	175	214	296.40	77	24	24	59	130
Queensborough, 1st D.	Miss P. Dockrill	1st "	1,080	170	34	13	21	27.98				16	18
" 2nd "	Miss G. L. Flynn	2nd "	720	170	32	15	17	22.43	15	4	13		
					66	28	38	50.41	15	4	13	16	18

SCHOOL-YEAR ENDING JUNE 30TH, 1919—*Continued.*

NUMBER OF PUPILS IN EACH READER AND IN EACH SUBJECT OF STUDY.																							
Fourth Reader.	Fifth Reader.	Writing, Dictation and Spelling, and Composition.	Arithmetic.	Nature Lessons and Hygiene.	Drawing.	Geography.	Canadian History and British History.	English Grammar.	English Literature.	Physical Exercises.	Manual Training.	Domestic Science (Needlework, etc.).	Music.	Algebra.	Geometry.	Latin.	French.	Physical Science.	Botany.	Amount paid by Government on account of Teachers' Salaries, etc.	Amount paid by District in addition to Expenditure by Government.
																				$ cts.	$ cts.
38	...	38	38	38	38	38	38	38	38	38	13	25	.....	.....	.....	.....	.....	..	..	.....	.....
37	...	37	37	37	37	37	37	37	37	37	18	19	.....	.....	.....	.....	.....	..	..	.....	.....
....	...	39	39	39	39	39	39	39	....	39	25	14	.....	.....	.....	.....	.....	..	..	.....	.....
....	...	40	40	40	40	40	40	40	....	40	22	18	.....	.....	.....	.....	.....	..	..	.....	.....
....	...	38	38	38	38	38	38	38	....	38	....	....	.....	.....	.....	.....	.....	..	..	.....	.....
....	...	32	32	32	32	32	32	32	....	32	....	....	.....	.....	.....	.....	.....	..	..	.....	.....
....	...	32	32	32	32	32	32	32	....	32	....	....	.....	.....	.....	.....	.....	..	..	.....	.....
....	...	40	40	40	40	40	.....	.....	....	40	....	....	.....	.....	.....	.....	.....	..	..	.....	.....
....	...	40	40	40	40	40	.....	.....	....	40	....	....	.....	.....	.....	.....	.....	..	..	.....	.....
....	...	49	49	49	49	49	.....	.....	....	49	....	....	.....	.....	.....	.....	.....	..	..	.....	.....
....	...	47	47	47	47	.....	.....	.....	....	47	....	....	.....	.....	.....	.....	.....	..	..	.....	.....
....	...	38	38	38	38	.....	.....	.....	....	38	....	....	.....	.....	.....	.....	.....	..	..	.....	.....
....	...	42	42	42	42	.....	.....	.....	....	42	....	....	.....	.....	.....	.....	.....	..	..	.....	.....
....	...	46	46	46	46	.....	.....	.....	....	46	....	....	.....	.....	.....	.....	.....	..	..	.....	.....
....	...	51	51	51	51	.....	.....	.....	....	51	....	....	.....	.....	.....	.....	.....	..	..	.....	.....
....	...	.....	.....	.....	.....	.....	.....	.....	....	.....	....	....	.....	.....	.....	.....	.....	..	..	.....	.....
....	...	.....	.....	.....	.....	.....	.....	.....	....	.....	....	....	.....	.....	.....	.....	.....	..	..	.....	.....
....	...	.....	.....	.....	.....	.....	.....	.....	....	.....	....	....	.....	.....	.....	.....	.....	..	..	.....	.....
132	...	666	666	666	666	442	313	313	132	666	107	104	.....	.....	.....	.....	.....	..	..	.....	.....
43	...	43	43	43	43	43	43	43	43	43	13	30	43	.....	.....	.....	.....	..	..	33,733 35	101,475 00
27	...	27	27	27	27	27	27	27	27	27	12	15	27	.....	.....	.....	.....	..	..	.....	.....
22	...	22	22	22	22	22	22	22	22	22	5	17	22	.....	.....	.....	.....	..	..	.....	.....
31	...	31	31	31	31	31	31	31	31	31	14	17	31	.....	.....	.....	.....	..	..	.....	.....
...	...	31	31	31	31	31	31	31	....	31	19	12	31	.....	.....	.....	.....	..	..	.....	.....
....	...	37	37	37	37	37	37	37	....	37	...	...	37	.....	.....	.....	.....	..	..	.....	.....
...	...	31	31	31	31	31	31	31	....	31	....	....	31	.....	.....	.....	.....	..	..	.....	.....
...	...	39	39	39	39	39	.....	.....	....	39	....	....	39	.....	.....	.....	.....	..	..	.....	.....
...	...	42	42	42	42	23	.....	.....	....	42	....	....	42	.....	.....	.....	.....	..	..	.....	.....
....	...	46	46	46	46	.....	.....	.....	....	46	....	....	46	.....	.....	.....	.....	..	..	.....	.....
....	...	34	34	34	34	.....	.....	.....	...	34	....	....	.....	.....	.....	.....	.....	..	..	.....	.....
....	...	33	33	33	33	33	33	33	....	33	....	....	33	.....	.....	.....	.....	..	..	.....	.....
123	...	416	416	416	416	317	255	255	123	416	63	91	412	.....	.....	.....	.....	..	..	.....	.....
....	...	30	30	30	30	30	.....	.....	....	30	....	....	30	.....	.....	.....	.....	..	..	.....	.....
....	...	35	35	35	35	35	.....	.....	....	35	....	....	35	.....	.....	.....	.....	..	..	.....	.....
....	...	32	32	32	32	32	.....	.....	....	32	....	....	32	.....	.....	.....	.....	..	..	.....	.....
....	...	53	53	53	53	.....	.....	.....	....	53	....	....	53	.....	.....	.....	.....	..	..	.....	.....
....	...	47	47	47	47	.....	.....	.....	....	47	....	....	47	.....	.....	.....	.....	..	..	.....	.....
....	...	29	29	29	29	.....	.....	.....	....	29	....	....	29	.....	.....	.....	.....	..	..	.....	.....
....	...	46	46	46	46	.....	.....	.....	....	46	....	....	46	.....	.....	.....	.....	..	..	.....	.....
....	...	36	36	36	36	.....	.....	.....	....	36	....	....	36	.....	.....	.....	.....	..	..	.....	.....
....	...	308	308	308	308	97	.....	.....	....	308	....	....	308	.....	.....	.....	.....	..	..	.....	.....
38	...	38	38	38	38	38	38	38	38	38	14	24	38	.....	.....	.....	.....	..	..	.....	.....
23	...	23	23	23	23	23	23	23	23	23	8	15	23	.....	.....	.....	.....	..	..	.....	.....
30	...	30	30	30	30	30	30	30	30	30	15	15	30	.....	.....	.....	.....	..	..	.....	.....
35	...	35	35	35	35	35	35	35	35	35	13	22	35	.....	.....	.....	.....	..	..	.....	.....
36	...	38	38	38	38	38	38	38	36	38	17	21	38	.....	.....	.....	.....	..	..	.....	.....
....	..	40	40	40	40	40	40	40	....	40	22	18	40	.....	.....	.....	.....	..	..	.....	.....
....	...	46	46	46	46	46	46	46	....	46	26	20	46	.....	.....	.....	.....	..	..	.....	.....
....	...	45	45	45	45	45	45	45	....	45	....	....	45	.....	.....	.....	.....	..	..	.....	.....
....	...	35	35	35	35	35	35	35	....	35	....	....	35	.....	.....	.....	.....	..	..	.....	.....
162	..	330	330	330	330	330	330	330	162	330	115	135	330	.....	.....	.....	.....	..	..	.....	.....
32	...	32	32	32	32	32	32	32	32	32	13	19	32	.....	.....	.....	.....	..	..	.....	.....
43	...	43	43	43	43	43	43	43	43	43	17	26	43	.....	.....	.....	.....	..	..	.....	.....
....	...	52	52	52	52	52	52	52	....	52	26	26	52	.....	.....	.....	.....	..	..	.....	.....
....	...	47	47	47	47	47	47	47	....	47	....	24	.....	.....	.....	.....	.....	..	..	.....	.....
...	...	50	50	50	50	50	31	31	....	50	....	....	50	.....	.....	.....	.....	..	..	.....	.....
....	...	40	40	40	40	40	.....	...	....	40	....	....	40	.....	.....	.....	.....	..	..	.....	.....
...	...	42	42	42	42	.....	.....	.....	....	42	....	....	42	.....	.....	.....	.....	..	..	.....	.....
....	...	41	41	41	41	.....	.....	.....	....	41	....	....	41	.....	.....	.....	.....	..	..	.....	.....
....	...	42	42	42	42	.....	.....	.....	....	42	....	....	42	.....	.....	.....	.....	..	..	.....	.....
75	...	389	389	389	389	264	205	205	75	389	56	95	342	.....	.....	.....	.....	..	..	.....	.....
....	...	34	34	34	34	34	18	18	....	34	3	7	34	.....	.....	.....	.....	..	..	.....	.....
....	...	32	32	32	32	.....	.....	.....	....	32	....	....	32	.....	.....	.....	.....	..	..	.....	.....
....	...	66	66	66	66	34	18	18	....	66	3	7	66	.....	.....	.....	.....	..	..	.....	.....

GRADED CITY SCHOOLS.

SCHOOL.	TEACHER.	CERTIFICATE.	Annual Salary.	Days School was in Session.	No. of Pupils enrolled.	Boys.	Girls.	Average Daily Attendance.	First Primer.	Second Primer.	First Reader.	Second Reader.	Third Reader.
New Westminster.—*Concluded.*			$										
John Robson, 1st Div..	W. C. Coatham.....	1st Class	2,070	169½	40	19	21	34.16	....	....	....	....	....
" 2nd " ..	G. S. Ford.....	1st "	1,320	169½	34	14	20	24.83	....	....	....	....	....
" 3rd " ..	Miss E. F. Ireland.....	1st "	900	169½	44	25	19	35.63	....	....	....	....	....
" 4th " ..	Miss M. E. Mack.....	1st "	.....	169½	41	25	16	32.08	....	....	....	....	41
" 5th " ..	Miss A. M. Mercer.....	1st "	780	169½	38	20	18	26.38	....	....	....	....	38
" 6th " ..	Miss B. Hardman.....	1st "	840	169½	30	16	14	25.24	....	....	....	....	30
" 7th " ..	Miss M. I. Calbick.....	2nd "	1,050	169½	40	29	11	29.29	....	....	....	40	....
" 8th " ..	Miss G. M. Wells.....	2nd "	930	169½	43	24	19	35.93	13	30	....	....	....
" 9th " ..	Miss M. H. Winter.....	2nd "	1,050	169½	43	21	22	26.70	43	....	....	....	....
" 10th " ..	J. Stuart, B.A.....	Academic....	1,200	170	43	35	8	29.58	6	4	21	12	....
" 11th " ..	Miss E. M. Gray	1st Class	1,050	97	30	17	13	28.57	....	....	23	7	....
					426	245	181	328.39	62	34	44	59	109
Herbert Spencer, 1st D.	W. T. Fennell	1st "	2,070	170	34	13	21	30.59	....	....	....	....	....
" 2nd "	W. T. Plaxton.....	2nd "	1,320	165	46	24	22	35.05	....	....	....	....	....
" 3rd "	Miss H. P. Davidson.....	1st "	1,050	170	35	19	16	33.15	....	....	....	....	35
" 4th "	Miss P. M. Gregg.....	1st "	840	170	37	17	20	34.62	....	....	....	....	37
" 5th "	Miss L. Leamy.....	2nd "	1,050	170	41	16	25	35.32	....	....	....	41	....
" 6th "	Miss N. E. Dockrill.....	1st "	1,050	170	39	16	23	36.49	....	....	27	12	....
" 7th "	Miss M. L. Abercrombie.	2nd "	1,050	170	34	19	15	31.69	13	21	....	....	....
" 8th "	Miss J. M. Peebles.....	2nd "	1,050	170	40	25	15	29.82	40	....	....	....	....
" 9th "	Miss F. R. Murphy.....	3rd "	.....	97	30	21	9	27.50	....	....	....	....	30
Manual Training Inst..	W. Nelson.....	.....	1,920	....	....	....	....	.....	....	....	....	....	....
" " ..	W. Steele	.....	1,560	....	....	....	....	.....	....	....	....	....	....
Domestic Science Inst.	Miss M. J. Govenlock ...	.....	1,500	....	....	....	....	.....	....	....	....	....	....
" "	(Miss L. McLeod.....	.....	1,260	....	....	....	....	.....	....	....	....	....	....
	(Miss G. Fredea	.....	1,140	....	....	....	....	.....	....	....	....	....	....
Supervisor of Music...	F. T. C. Wickett.....	.....	1,380	....	....	....	....	.....	....	....	....	....	....
					336	170	166	294.23	53	21	27	53	102
Phoenix, 1st Division....	W. P. Beal, B.A.....	Academic....	1,500	169	15	5	10	14.43	....	....	....	....	....
" 2nd "	J. S. R. Donaldson.....	2nd Class....	1,020	156	32	18	14	28.88	....	....	....	....	13
" 3rd "	Miss E. A. Thomas.....	1st "	1,000	156	19	7	12	17.25	....	....	....	....	11
" 4th "	Miss J. M. Fjelsted.....	3rd "	900	152	31	17	14	30.66	....	....	1	22	8
" 5th "	Miss C. E. Munro.....	1st "	900	156	36	22	14	34.57	26	10	....	....	....
					133	69	64	125.79	26	10	1	22	32
Port Alberni, 1st Division	Miss L. A. St. James, B.A.	Academic....	1,140	189½	26	12	14	21.60	....	....	....	....	6
" 2nd "	Miss B. B. Porter.....	2nd Class	900	189½	56	31	25	39.91	....	....	....	30	26
" 3rd "	Miss A. L. Noble.....	1st "	900	190½	49	26	23	31.67	26	16	7	....	....
					131	69	62	93.18	26	16	7	30	32
Port Coquitlam:													
Central, 1st Division...	J. W. Harris.....	1st "	1,650	162	32	13	19	27.09	....	....	....	....	....
" 2nd " ..	Miss A. E. Irvine.....	1st "	1,020	157½	36	14	22	29.21	....	....	....	....	36
" 3rd " ..	Miss M. Bowden	3rd "	900	117½	37	28	9	35 81	....	....	6	31	....
" 4th " ..	Miss J. M. MacIntosh...	3rd "	900	158½	31	19	12	27.53	16	15	....	....	....
					136	74	62	119.64	16	15	6	31	36
James Park, 1st Div..	Mrs. E. M. Cox	1st "	1,140	148	29	9	20	25.44	....	....	....	....	19
" 2nd " ..	Miss E. W. Maxwell.....	3rd "	840	148	44	21	23	36.31	18	10	7	9	..
					73	30	43	61.75	18	10	7	9	19
Port Moody, 1st Division	Miss G. H. McKenzie....	1st "	1,200	166	12	2	10	11.05	....	....	....	....	....
" 2nd "	Miss F. MacL. Abbott...	3rd "	960	164½	27	12	15	24.42	....	....	....	....	....
" 3rd "	Miss J. MacEwen	3rd "	900	165½	37	21	16	26.58	....	....	....	....	37
" 4th "	Miss E. Hague.....	3rd "	900	166	29	14	15	25.32	....	....	....	22	7
" 5th "	Miss D. A. McKie	2nd "	840	165	37	20	17	27.66	12	15	10	....	....
" 6th "	Miss I. Simpson.....	2nd "	840	166	31	15	16	25.15	31	....	....	....	....
					173	84	89	140.18	43	15	10	22	44
Prince George, 1st Div..	Miss E. J. Mutch.....	2nd "	1,500	164	18	4	14	17.10	....	....	....	....	1
" 2nd " ..	F. W. Bagnall, B.A.....	Academic....	1,200	163	40	16	24	29.77	....	....	....	20	20
" 3rd " ..	Miss E. Milligan.....	2nd Class...	1,200	164	43	22	21	24.07	....	7	22	14	....
" 4th " ..	Miss M. E. Rolston.....	3rd "	1,200	162	60	36	24	27.06	58	2	....	....	....
" 5th " ..	Miss E. M. Mutch.....	1st "	1,200	112	36	18	18	27.61	....	....	....	....	19
					197	96	101	125.61	58	9	22	34	40

SCHOOL-YEAR ENDING JUNE 30TH, 1919—*Continued.*

NUMBER OF PUPILS IN EACH READER AND IN EACH SUBJECT OF STUDY.																						Amount paid by Government on account of Teachers' Salaries, etc.	Amount paid by District in addition to Expenditure by Government.
Fourth Reader.	Fifth Reader.	Writing, Dictation and Spelling, and Composition.	Arithmetic.	Nature Lessons and Hygiene.	Drawing.	Geography.	Canadian History and British History.	English Grammar.	English Literature.	Physical Exercises.	Manual Training.	Domestic Science (Needlework, etc.).	Music.	Algebra.	Geometry.	Latin.	French.	Physical Science.	Botany.			$ cts.	$ cts.
40	...	40	40	40	40	40	40	40	40	40	19	21	40	....	...	...	...	..	..			.....	.....
34	...	34	34	34	34	34	34	34	34	34	14	20	34	....	...	...	...	..	..			.....	.....
44	...	44	44	44	44	44	44	44	44	44	25	19	44	....	...	...	...	..	..			.....	.....
....	...	41	41	41	41	41	41	41	....	41	25	16	41	....	...	...	...	..	..			.....	.....
....	...	38	38	38	38	38	38	38	....	38	7	9	.....	...	...	...	...	..	..			.....	.....
....	...	30	30	30	30	30	30	30	....	30	....	....	30	....	...	...	...	..	..			.....	.....
....	...	40	40	40	40	40	.....	.....	....	40	....	....	40	....	...	...	...	..	..			.....	.....
....	...	43	43	43	43	.....	.....	.....	....	43	....	....	43	....	...	...	...	..	..			.....	.....
....	...	43	43	43	43	.....	.....	.....	....	43	....	....	43	....	...	...	...	..	..			.....	.....
....	...	43	43	43	43	12	.....	.....	....	43	....	....	.....	....	...	...	...	..	..			.....	.....
....	...	30	30	30	30	7	.....	.....	....	30	....	....	30	....	...	...	...	..	..			.....	.....
118	..	426	426	426	426	286	227	227	118	426	90	85	345	....	...	...	...	..	..			.....	.....
34	...	34	34	34	34	34	34	34	34	34	13	21	34	....	...	...	...	..	..			.....	.....
46	...	46	46	46	46	46	46	46	46	46	24	22	46	....	...	...	...	..	..			.....	.....
....	...	35	35	35	35	35	35	35	....	35	19	16	.....	....	...	...	...	..	..			.....	.....
....	...	37	37	37	37	37	37	37	....	37	....	....	37	....	...	...	...	..	..			.....	.....
....	...	41	41	41	41	41	.....	.....	....	41	...	...	41	....	...	...	...	..	..			.....	.....
...	...	39	39	39	39	12	.....	.....	..	39	....	....	39	....	...	...	...	..	..			.....	.....
....	...	34	34	34	34	.....	.....	.....	....	34	.....	...	34	....	...	...	...	..	..			.....	.....
...	...	40	40	40	40	.....	.....	.....	....	40	.....	....	40	....	...	...	...	..	..			.....	.....
....	...	30	30	30	30	30	30	30	....	30	..	....	30	....	...	...	...	..	..			.....	.....
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80	...	336	336	336	336	235	182	182	80	336	56	59	301	....	...	...	...	..	..			.....	.....
11	4	15	11	11	11	11	11	11	15	15	....	....	.....	4	4	4	4	4	4			2,825 00	3,935 16
19	...	32	32	32	32	32	32	32	19	32	....	....	.....	....	...	...	...	..	..			.....	.....
....	8	19	19	11	19	11	19	11	8	19	....	....	.....	8	8	8	8	..	..			.....	.....
....	...	31	31	31	31	30	8	8	....	31	....	....	31	....	...	...	...	..	..			.....	.....
....	...	36	36	36	36	.....	.....	.....	....	36	....	....	36	....	...	...	...	..	..			.....	.....
30	12	133	129	121	129	84	70	62	42	133	....	....	67	12	12	12	12	4	4			.....	.....
20	...	26	26	26	26	26	26	26	20	26	....	....	.....	....	...	...	...	..	..			2,260 00	3,603 48
....	...	56	56	56	56	56	26	26	20	56	....	....	.....	....	...	...	...	..	..			.....	.....
...	...	49	49	49	49	.....	.....	.....	....	49	....	...	49	....	...	...	...	..	..			.....	.....
20	...	131	131	131	131	82	52	52	20	131	....	....	49	....	...	...	...	..	..			.....	.....
25	7	32	32	25	32	25	32	25	32	32	....	....	.....	7	7	7	7	..	..			3,390 00	6,820 94
....	...	36	36	36	36	36	36	36	....	36	....	....	....	....	...	...	...	..	..			.....	.....
....	...	37	37	37	37	31	.....	.....	....	37	....	....	.....	....	...	...	...	..	..			.....	.....
....	...	31	31	31	31	.....	.....	.....	....	31	....	....	31	....	...	...	...	..	..			.....	.....
25	7	136	136	129	136	92	68	61	32	136	....	....	31	7	7	7	7	..	..			.....	.....
10	...	29	29	29	29	29	29	29	10	29	....	20	29	....	...	...	...	..	..			.....	.....
....	...	44	44	44	44	9	.....	.....	....	44	....	....	.....	....	...	...	...	..	..			.....	.....
10	...	73	73	73	73	38	29	29	10	73	....	20	29	....	...	...	...	..	..			.....	.....
....	12	12	11	.....	11	.....	11	.....	12	12	....	....	.....	12	12	12	6	6	1			3,342 90	8,205 97
27	..	27	27	27	27	27	27	27	27	27	....	....	.....	....	...	...	...	..	..			.....	.....
....	...	37	37	37	37	37	37	37	....	37	....	....	.....	....	...	...	...	..	..			.....	.....
....	...	29	29	29	29	29	7	7	....	29	....	....	.....	....	...	...	...	..	..			.....	.....
....	...	37	37	37	37	.....	.....	.....	....	37	....	....	.....	....	...	...	...	..	..			.....	.....
....	...	31	31	31	31	.....	.....	.....	....	31	....	....	.....	....	...	...	...	..	..			.....	.....
27	12	173	172	161	172	93	82	71	39	173	....	....	.....	12	12	12	6	6	1			.....	.....
17	...	18	18	18	18	18	18	18	17	18	....	....	18	..	...	...	...	..	..			3,107 50	.....
....	...	40	40	40	40	40	20	20	...	40	....	....	.....	....	...	...	...	..	..			.....	.....
....	...	43	43	43	43	14	.....	.....	....	43	....	....	.....	....	...	...	...	..	..			.....	.....
....	...	60	60	60	60	.....	.....	.....	....	60	....	....	60	....	...	...	...	..	..			.....	.....
17	...	36	36	36	36	36	36	36	17	36	....	....	36	....	...	...	...	..	..			.....	.....
34	...	197	197	197	197	108	74	74	34	197	....	....	114	....	...	...	...	..	..			.....	.....

GRADED CITY SCHOOLS.

SCHOOL.	TEACHER.	CERTIFICATE.	Annual Salary.	Days School was in Session.	No. of Pupils enrolled.	Boys.	Girls.	Average Daily Attendance.	First Primer.	Second Primer.	First Reader.	Second Reader.	Third Reader.
			$										
Prince Rupert, 1st Div...	A. M. McDonald	1st Class	2,298	165	29	11	18	26.06	....	....	....	....	....
" 2nd " ..	Miss S. A. Mills	2nd "	1,194	166½	41	18	23	30.22	....	....	....	....	13
" 3rd " ..	Miss J. Rothwell	1st "	1,254	166	41	23	18	35.56	....	....	....	....	41
" 4th " ..	Miss A. McKinnon	2nd "	1,194	166	48	22	26	37.24	....	....	....	....	48
" 5th " ..	Miss S. L. Stone	1st "	1,230	166	48	23	25	40.69	....	....	....	31	17
" 6th " ..	Miss H. L. Crux	2nd "	1,110	166	40	18	22	32.12	....	....	20	20	....
" 7th " ..	Miss G. R. Cowan	2nd "	1,194	166	40	23	17	35.14	....	40	....	....	....
" 8th " ..	Miss L. E. King	2nd "	1,350	166	46	25	21	42.22	46	....	....	....	....
" 9th " ..	Miss M. Glenn	2nd "	1,254	166	37	19	18	30.15	16	5	6	6	4
" 10th " ..	Miss A. L. Tingley	1st "	1,410	159	28	14	14	23.63	....	....	....	....	....
" 11th " ..	Miss G. M. Hinsley	2nd "	1,194	164	35	21	14	31.18	....	....	....	....	35
" 12th " ..	Miss B. Macleod	1st "	1,314	164	40	19	21	34.05	....	....	....	40	....
" 13th " ..	Miss G. M. Macdonald	2nd "	1,134	162	31	11	20	24.94	....	17	14	....	....
" 14th " ..	Miss A. E. Nyman	2nd "	1,170	164	49	26	23	39.24	49	....	....	....	....
" 15th " ..	Miss J. E. Eason	3rd "	1,170	98	29	14	15	26.39	....	....	....	....	29
Manual Training Inst....	R. H. Shockley	.....	1,530	....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Domestic Science Inst...	Miss A. B. Marcellus	.....	1,350	....	.....	.....	.....	.....	.....	.....	.....	.....	.....
					582	287	295	488.83	111	62	40	97	187
Revelstoke:													
Central, 1st Division ..	W. J. Eades	1st Class	1,740	158½	30	15	15	24.45	....	....	....	....	....
" 2nd " ..	Mrs. M. H. Telfer	2nd "	1,080	158½	41	24	17	36.07	....	....	....	....	....
" 3rd " ..	Miss E. J. Jenkins	1st "	960	150½	37	19	18	31.55	....	....	....	....	37
" 4th " ..	Miss L. M. Creelman	1st "	900	158½	38	29	9	35.12	....	....	....	....	38
" 5th " ..	Miss H. Montgomery	2nd "	900	158½	39	13	26	36.13	....	....	....	39	....
" 6th " ..	Miss L. E. Moran	2nd "	900	155½	40	20	20	33.97	....	23	17	....	....
" 7th " ..	Miss J. I. Hyatt	2nd "	900	152½	48	25	23	37.62	48	....	....	....	....
					273	145	128	234.91	48	23	17	39	75
Selkirk, 1st Division ..	I. Bassett	1st "	1,800	159	28	12	16	25.99	....	....	....	....	....
" 2nd " ..	Miss G. L. Urquhart	2nd "	1,140	154	29	14	15	25.65	....	....	....	....	....
" 3rd " ..	Miss J. H. Loudon	2nd "	900	156½	42	21	21	36.68	....	....	....	....	42
" 4th " ..	Miss I. S. Street	2nd "	840	159	42	12	30	37.72	....	....	....	20	22
" 5th " ..	G. M. Penzer	3rd "	900	159	40	20	20	35.23	....	....	24	16	....
" 6th " ..	Miss H. Freeman	2nd "	900	158	32	15	17	31.56	....	32	....	....	....
" 7th " ..	Miss A. S. Gillen	2nd "	840	157	37	19	18	33.16	37	....	....	....	....
" 8th " ..	Miss E. Creelman	1st "	1,020	97½	38	17	21	35.83	38	....	....	....	....
					288	130	158	261.82	75	32	24	36	64
Rossland:													
Cook Avenue	Mrs. I. Embleton	2nd "	1,000	155	43	19	24	36.76	31	2	10	...	....
MacLean, 1st Division ..	J. C. Robson	2nd "	1,800	150	31	10	21	27.26	....	....	....	....	....
" 2nd " ..	Miss F. J. S. Fraser	2nd "	960	150	40	20	20	37.36	....	....	....	....	....
" 3rd " ..	Miss H. Trembath	2nd "	950	155	44	24	20	36.71	....	....	....	....	....
" 4th " ..	Miss A. E. Malcolm	2nd "	900	155	30	17	13	28.09	....	....	....	....	23
" 5th " ..	Miss E. I. Varcoe	2nd "	800	155	37	13	24	32.03	....	....	....	....	37
" 6th " ..	Miss G. M. York	2nd "	850	155	47	22	25	42.82	....	....	....	....	47
" 7th " ..	Miss M. Stanton	3rd "	850	155	38	16	22	34.19	....	....	....	....	38
" 8th " ..	Miss F. McLean	3rd "	810	155	48	28	20	39.97	....	....	....	36	12
" 9th " ..	Miss F. A. McDonald	2nd "	800	155	45	23	22	40.93	....	....	7	38	....
" 10th " ..	Miss F. E. Allen	3rd "	850	155	51	30	21	46.16	9	22	20	....	....
" 11th " ..	Miss G. F. Martin	3rd "	1,000	155	57	26	31	45.59	57	....	....	....	....
Manual Training Inst....	C. E. Head	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
					468	229	239	411.11	66	22	27	74	157
Salmon Arm, 1st Division	J. A. Chambers	2nd Class	1,260	155	31	16	15	26.49	....	....	....	....	11
" 2nd "	Miss C. M. MacKay	3rd "	840	134	43	22	21	38.42	....	....	....	28	15
" 3rd "	Miss M. I. Clingan	1st "	900	132½	40	19	21	34.51	25	6	9	....	....
					114	57	57	99.42	25	6	9	28	26
Sandon	R. T. Pollock	Temporary ..	1,500	147	37	18	19	32.17	5	4	7	6	5
Slocan, 1st Division	Miss J. G. Legett	1st Class	1,020	157½	34	14	20	26.90	....	....	....	....	13
" 2nd "	Miss O. M. Alexander	2nd "	840	142½	33	21	12	23.93	10	2	3	13	5
					67	35	32	50.83	10	2	3	13	18
Trail:													
Central, 1st Division ..	Miss E. Thom	2nd "	1,620	147	38	13	25	31.59	....	....	....	....	....
" 2nd " ..	Miss J. L. Munro	2nd "	1,080	147	34	15	19	28.17	....	....	....	....	....
" 3rd " ..	Miss M. J. Fraser	2nd "	960	147	41	20	21	32.42	....	....	....	....	41
" 4th " ..	Miss E. J. Kerr	2nd "	900	147	38	19	19	33.31	....	....	....	....	38

SCHOOL-YEAR ENDING JUNE 30TH, 1919—*Continued.*

Number of Pupils in each Reader and in each Subject of Study.																			Amount paid by Government on account of Teachers' Salaries, etc.	Amount paid by District in addition to Expenditure by Government.
Fourth Reader.	Fifth Reader.	Writing, Dictation and Spelling, and Composition.	Arithmetic.	Nature Lessons and Hygiene.	Drawing.	Geography.	Canadian History and British History.	English Grammar.	English Literature.	Physical Exercises.	Manual Training.	Domestic Science (Needlework, etc.).	Music.	Algebra.	Geometry.	Latin.	French.	Physical Science.	Botany.	
																				$ cts.	$ cts
29	...	29	29	29	29	29	29	29	29	29	11	18	.....	....	...	...	...	.	..	9,533 30	33,721 84
28	...	41	41	41	41	41	41	41	28	41	18	23	.....	....	...	...	...	..	..	....	.....
....	...	41	41	41	41	41	41	41	....	41	23	18	.....	....	...	...	...	..	..	.....	.....
....	...	48	48	48	48	48	48	48	....	48	22	26	.....	....	...	...	...	..	..	.....	.....
....	...	48	48	48	48	48	17	17	....	48	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	40	40	40	40	20	.....	.....	....	40	....	....	40	....	...	...	...	..	..	.....	.....
....	..	40	40	40	40	.....	....	.....	...	40	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	46	46	46	46	....	.....	.....	....	46	....	....	46	....	...	...	...	..	..	.....	.....
....	...	37	37	37	37	10	4	4	....	37	....	....	.....	....	...	...	...	..	..	.....	.....
28	...	28	28	28	28	28	28	28	28	28	14	14	.....	....	...	...	...	..	..	.....	.....
....	...	35	35	35	35	35	35	35	....	35	21	14	.....	....	...	...	...	..	..	.....	.....
....	...	40	40	40	40	40	.....	.....	....	40	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	31	31	31	31	.....	.....	.....	....	31	....	....	31	....	...	...	...	..	..	.....	.....
....	...	49	49	49	49	.....	.....	.....	....	49	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	29	29	29	29	29	29	29	....	29	3	2	29	....	...	...	...	..	..	.....	.....
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....	...	.....	.....	.....	.....	.....	.....	.....	....	.....	....	....	.....	....	...	...	...	..	..	.....	.....
85	...	582	582	582	582	369	272	272	85	582	112	115	146	....	...	...	...	..	..	.....	.....
30	...	30	30	30	30	30	30	30	30	30	....	....	.....	....	...	...	...	..	..	9,359 95	18,459 35
41	...	41	41	41	41	41	41	41	41	41	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	37	37	37	37	37	37	37	....	37	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	38	38	38	38	38	38	38	....	38	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	39	39	39	39	39	.....	.....	....	39	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	40	40	40	40	.....	.....	.....	....	40	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	48	48	48	48	.....	.....	.....	....	48	...	....	.....	....	...	...	...	..	..	.....	.....
71	...	273	273	273	273	185	146	146	71	273	...	....	.....	....	...	...	...	..	..	.....	.....
28	..	28	28	28	28	28	28	28	28	28	...	....	.....	....	...	...	...	..	..	.....	.....
29	...	29	29	29	29	29	29	29	29	29	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	42	42	42	42	42	42	42	...	42	....	..	42	....	...	...	...	..	..	.....	.....
....	...	42	42	42	42	42	22	22	....	42	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	40	40	40	40	16	.....	.....	....	40	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	32	32	32	32	.....	.....	.....	....	32	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	37	37	37	37	.....	.....	.....	....	37	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	38	38	38	38	.....	.....	.....	....	38	...	....	.....	....	...	...	...	..	..	.....	.....
57	...	288	288	288	288	157	121	121	57	288	....	....	42	....	...	...	...	..	..	.....	.....
....	...	43	43	43	43	.....	.....	.....	....	43	....	....	.....	....	...	...	...	..	..	7,886 65	97,043 90
31	...	31	31	31	31	31	31	31	31	31	....	....	.....	....	...	...	...	..	..	.....	.....
40	..	40	40	40	40	40	40	40	40	40	20	20	.....	....	...	...	...	..	..	.....	.....
44	...	44	44	44	44	44	44	44	44	44	24	20	.....	....	...	...	...	..	..	.....	.....
7	...	30	30	30	30	30	30	30	7	30	17	13	.....	....	...	...	...	..	..	.....	.....
....	...	37	37	37	37	37	37	37	....	37	13	24	.....	....	...	...	...	..	..	.....	.....
....	...	47	47	47	47	47	47	47	....	47	22	25	.....	....	...	...	...	..	..	.....	.....
....	...	38	38	38	38	38	38	38	....	38	15	22	.....	....	...	...	...	..	..	.....	.....
....	...	48	48	48	48	48	12	12	....	48	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	45	45	45	45	38	.....	.....	....	45	....	....	.....	....	...	...	...	..	..	.....	.....
....	.	51	51	51	51	.....	.....	.....	....	51	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	57	57	57	57	.....	.....	.....	....	57	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	.....	.....	.....	.....	.....	.....	.....	....	.....	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	.....	.....	.....	.....	.....	.....	.....	....	.....	....	....	.....	....	...	...	...	..	..	.....	.....
122	...	468	468	468	468	353	279	279	122	468	111	124	.....	....	...	...	...	..	..	.....	.....
20	...	31	31	31	31	31	31	31	20	31	....	....	.....	....	...	...	...	..	..	2,455 05	4,886 97
....	...	43	43	43	43	43	15	15	....	43	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	40	40	40	40	.....	.....	.....	....	40	....	....	.....	....	...	...	...	..	..	.....	.....
20	...	114	114	114	114	74	46	46	20	114	....	....	.....	....	...	...	...	..	..	.....	.....
10	...	37	37	37	37	21	15	15	10	37	....	...	37	....	...	...	...	..	..	854 00	846 00
21	...	34	34	34	34	34	34	34	21	34	....	....	.....	....	...	...	...	..	..	1,130 00	892 32
....	...	33	33	33	33	18	5	5	....	33	....	....	.....	....	...	...	...	..	..	.....	.....
21	...	67	67	67	67	52	39	39	21	67	....	....	.....	....	...	...	...	..	..	.....	.....
38	...	38	38	38	38	38	38	38	38	38	13	....	.....	....	...	...	...	..	..	9,765 00	27,420 07
34	...	34	34	34	34	34	34	34	34	34	15	....	.....	....	...	...	...	..	..	.....	.....
....	...	41	41	41	41	41	41	41	....	41	20	....	.....	....	...	...	...	..	..	.....	.....
....	..	38	38	38	38	38	38	38	....	38	19	....	.....	....	...	...	...	..	..	.....	.....

GRADED CITY SCHOOLS.

SCHOOL.	TEACHER.	CERTIFICATE.	Annual Salary.	Days School was in Session.	No. of Pupils enrolled.	Boys.	Girls.	Average Daily Attendance.	First Primer.	Second Primer.	First Reader.	Second Reader.	Third Reader.
Trail.—*Concluded.*			$										
Central, 5th Division	Miss V. A. Stanton	2nd Class	900	147	38	23	15	27.38	...	....	....	37	1
" 6th "	Miss G. A. Gregory	2nd "	900	147	40	20	20	31.09	....	....	....	....	40
" 7th "	Miss H. B. de Gagné	2nd "	900	147	40	22	18	32.26	....	....	....	24	16
" 8th "	Miss R. D. Newman	3rd "	900	147	29	17	12	28.31	....	....	....	29	....
" 9th "	Miss M. L. Black	2nd "	840	147	31	16	15	27.48	....	6	25	....	....
" 10th "	Miss B. M. Gilpin	2nd "	900	147	38	18	20	28.82	....	7	31	....	....
" 11th "	Mrs. C. Mitchell	1st "	900	147	47	20	27	34.27	30	17	....	....	....
" 12th "	Miss E. Hayes	1st "	1,080	147	58	33	25	36.61	58	....	....	....	....
					472	236	236	371.71	88	30	56	90	136
Smelter Hill, 1st Div.	Miss J. I. Mackenzie	1st "	1,020	147	16	9	7	13.13	....	....	....	....	8
" 2nd "	Miss G. E. Thompson	3rd "	840	147	25	12	13	14.44	7	2	6	10	....
					41	21	20	27.57	7	2	6	10	8
Trail, East, 1st Div.	Miss M. McDowall	1st "	1,020	154	24	7	17	21.02	....	....	....	5	18
" 2nd "	Miss E. M. Morin	2nd "	840	155	24	16	8	19.05	13	2	4	5	....
Manual Training Inst.	Charles Edward Head	Man. Train	1,500	....	....	....	....	....	....	....	....	....	....
					48	23	25	40.07	13	2	4	10	18
Vancouver:													
Aberdeen, 1st Division	R. Sparling	1st Class	2,500	165	34	10	24	24.35	....	....	....	....	....
" 2nd "	Miss M. E. Maynard, B.A.	Academic	1,000	166	42	24	18	31.87	....	....	....	....	....
" 3rd "	Miss M. C. Cowie	2nd Class	1,150	166	51	25	26	38.82	....	....	....	....	51
" 4th "	Miss J. Patterson	1st "	1,420	166	57	30	27	42.34	....	....	....	....	57
" 5th "	Miss N. K. Watson	2nd "	1,000	166	44	31	13	32.90	....	....	....	44	....
" 6th "	Miss D. C. Eldridge	2nd "	1,360	166	43	23	20	31.93	....	....	43	....	....
" 7th "	Miss L. A. Keith	1st "	1,000	166	37	18	19	26.61	6	31	....	....	....
" 8th "	Miss E. Olding	2nd "	1,420	166	54	30	24	34.05	54	....	....	....	....
" 9th "	Miss J. K. Anstie	1st "	1,360	166	68	28	40	33.83	68	....	....	....	....
" 10th "	Miss D. B. Bolton, B.A.	Academic	950	98	37	23	14	30.57	..	....	....	37	....
					467	242	225	327.27	128	31	43	81	108
Alexandra, 1st Division	G. H. Tom	1st Class	2,860	166	39	16	23	25.69	....	....	....	....	....
" 2nd "	F. T. Marriage	1st "	1,720	166	36	14	22	25.53	....	....	....	....	....
" 3rd "	Mrs. K. Berry, B.A. [B.A.	Academic	1,000	166	32	17	15	27.49	....	....	....	....	....
" 4th "	Miss C. H. McFarland,	"	1,420	166	35	13	22	31.89	....	....	....	....	....
" 5th "	Miss H. M. Whyte, B.A.	"	950	166	33	15	18	31.15	....	....	....	....	33
" 6th "	Miss N. D. Evans	2nd Class	1,150	166	37	14	23	35.91	....	....	....	....	37
" 7th "	Miss M. K. Anderson, B.A	Academic	1,420	166	40	20	20	31.43	....	....	....	....	40
" 8th "	Miss M. H. Dunmore	2nd Class	1,000	166	45	22	23	35.03	....	....	....	....	45
" 9th "	Miss A. F. Wilkinson	1st "	1,100	166	40	17	23	37.25	....	....	....	40	....
" 10th "	Miss F. I. Donaghy	2nd "	1,050	166	43	23	20	41.09	....	....	....	43	....
" 11th "	Miss S. W. Gray, B.A.	Academic	1,300	166	40	17	23	36.66	....	....	28	12	....
" 12th "	Miss W. M. Roots	2nd Class	950	166	41	29	12	36.74	41	....	....	....	....
" 13th "	Miss A. I. Duke	2nd "	1,000	166	42	30	12	29.48	42	....	....	....	....
" 14th "	Miss M. A. Allen	1st "	1,100	166	36	10	26	30.01	36	....	....	....	....
" 15th "	Mrs. E. E. Barnard	Temporary	1,100	161	16	12	4	8.66	....	....	4	7	5
" 16th "	Miss L. C. Campbell	1st Class	950	113	51	28	23	38.30	....	51	....	....	....
					606	297	309	502.31	119	51	32	102	160
Bayview, 1st Division	W. L. Rand, B.A.	Academic	2,140	166	32	8	24	27.31	....	....	....	....	....
" 2nd "	Miss A. M. Reid	2nd Class	1,000	166	34	17	17	29.86	....	....	....	....	....
" 3rd "	Miss B. A. MacIntyre	1st "	1,300	166	48	24	24	40.28	....	....	....	....	48
" 4th "	Miss M. L. Starratt, B.A.	Academic	1,000	166	44	28	16	37.21	....	....	....	....	44
" 5th "	Miss J. M. Cantelon	1st Class	1,360	166	43	21	22	33.74	....	....	19	24	....
" 6th "	Miss K. Laidlaw	2nd "	1,100	166	48	22	26	38.28	30	18	....	....	....
" 7th "	Miss G. Warner	1st "	1,250	166	48	29	19	33.36	48	....	....	....	....
" 8th "	Miss P. M. Howard	2nd "	1,100	83	34	20	14	31.09	....	....	....	34	....
					331	169	162	271.13	78	18	19	58	92
Beaconsfield, 1st Div.	F. J. Lawrence	1st "	2,140	166	26	14	12	22.08	....	....	....	....	....
" 2nd "	Miss B. E. Rowan	2nd "	1,050	166	44	24	20	35.64	....	....	....	....	44
" 3rd "	Mrs E. M. Francis	2nd "	1,250	166	48	26	22	38 16	....	....	....	29	19
" 4th "	Miss J. F. Fraser	2nd "	1,000	166	50	24	26	36.81	...	...	23	27	....
" 5th "	Miss F. Stern	2nd "	1,000	166	39	21	18	31.83	11	28	....	....	....
" 6th "	Miss L. Cairns	2nd "	1,300	166	45	22	23	34.98	45	....	....	....	....
					252	131	121	199.50	56	28	23	56	63

SCHOOL-YEAR ENDING JUNE 30TH, 1919—*Continued.*

NUMBER OF PUPILS IN EACH READER AND IN EACH SUBJECT OF STUDY.																								
Fourth Reader.	Fifth Reader.	Writing, Dictation and Spelling, and Composition.	Arithmetic.	Nature Lessons and Hygiene.	Drawing.	Geography.	Canadian History and British History.	English Grammar.	English Literature.	Physical Exercises.	Manual Training.	Domestic Science (Needlework, etc.).	Music.	Algebra.	Geometry.	Latin.	French.	Physical Science.	Botany.	Amount paid by Government on account of Teachers' Salaries, etc.	Amount paid by District in addition to Expenditure by Government.
																				$ cts.	$ cts.
....	...	38	38	38	38	38	1	1	....	38	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	40	40	40	40	40	40	40	....	40	20	....	.....	....	...	...	...	..	..	.....	.....
....	...	40	40	40	40	40	16	16	....	40	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	29	29	29	29	29	.....	.....	....	29	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	31	31	31	31	.....	.....	.....	....	31	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	38	38	38	38	.....	.....	.....	....	38	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	47	47	47	47	.....	.....	.....	....	47	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	58	58	58	58	.....	.....	.....	...	58	....	....	.....	....	...	...	...	..	..	.....	.....
72	...	472	472	472	472	298	208	208	72	472	87	....	.....	....	...	...	...	..	..	.....	.....
8	...	16	16	16	16	16	16	16	8	16	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	25	25	25	25	10	.....	.....	....	25	....	....	25	....	...	...	...	..	..	.....	.....
8	...	41	41	41	41	26	16	16	8	41	....	....	25	....	...	...	...	..	..	.....	.....
1	...	24	24	24	24	24	19	19	1	24	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	24	24	24	24	5	.....	.....	....	24	....	....	.....	....	...	...	...	..	..	.....	.....
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	..	...	...
1	...	48	48	48	48	29	19	19	1	48	....	....	.....	....	...	...	...	..	..	.....	.....
34	...	34	34	34	34	34	34	34	34	34	10	24	34	....	...	...	...	..	..	216,008 30	814,481 63
42	...	42	42	42	42	42	42	42	42	42	24	18	42	....	...	...	...	..	..	.....	.....
....	...	51	51	51	51	51	51	51	....	51	25	26	51	....	...	...	...	..	..	.....	.....
....	...	57	57	57	57	57	57	57	....	57	....	....	57	....	...	...	...	..	..	.....	.....
....	...	44	44	44	44	44	.....	.....	....	44	....	....	44	....	...	...	...	..	..	.....	.....
....	...	43	43	43	43	.....	.....	.....	....	43	....	....	43	....	...	...	...	..	..	.....	.....
....	...	37	37	37	37	.....	.....	.....	....	37	....	....	37	....	...	...	...	..	..	.....	.....
....	...	54	54	54	54	.....	.....	.....	....	54	....	....	54	....	...	...	...	..	..	.....	.....
....	...	68	68	68	68	.....	.....	.....	....	68	....	....	68	....	...	...	...	..	..	.....	.....
....	...	37	37	37	37	37	.....	.....	....	37	....	....	37	....	...	...	...	..	..	.....	.....
76	...	467	467	467	467	265	184	184	76	467	59	68	467	....	...	...	...	..	..	.....	.....
39	...	39	39	39	39	39	39	39	39	39	16	23	39	....	...	...	...	..	..	.....	.....
36	...	36	36	36	36	36	36	36	36	36	14	22	36	....	...	...	...	..	..	.....	.....
32	...	32	32	32	32	32	32	32	32	32	17	15	32	....	...	...	...	..	..	.....	.....
35	...	35	35	35	35	35	25	35	35	35	13	22	35	....	...	...	...	..	..	.....	.....
....	...	33	33	33	33	33	33	33	....	33	15	18	33	....	...	...	...	..	..	.....	.....
....	...	37	37	37	37	37	37	37	....	37	14	23	37	....	...	...	...	..	..	.....	.....
....	...	40	40	40	40	40	40	40	....	40	....	....	40	....	...	...	...	..	..	.....	.....
....	...	45	45	45	45	45	45	45	....	45	....	....	45	....	...	...	...	..	..	.....	.....
....	...	40	40	40	40	40	.....	.....	....	40	....	....	40	....	...	...	...	..	..	.....	.....
....	...	43	43	43	43	43	.....	.....	....	43	....	....	43	....	...	...	...	..	..	.....	.....
....	...	40	40	40	40	12	.....	.....	....	40	....	....	40	....	...	...	...	..	..	.....	.....
....	...	41	41	41	41	.....	.....	.....	....	41	....	....	41	....	...	...	...	..	..	.....	.....
....	...	42	42	42	42	.....	.....	.....	....	42	....	....	42	....	...	...	...	..	..	.....	.....
....	...	36	36	36	36	.....	.....	.....	...	36	....	....	36	....	...	...	...	..	..	.....	.....
....	...	16	16	16	16	12	.....	.....	....	16	12	4	16	....	...	...	...	..	..	Special class.	
....	...	51	51	51	51	.....	.....	.....	....	51	....	....	51	....	...	...	...	..	..	.....	.....
142	...	606	606	606	606	404	297	297	142	606	101	127	606	....	...	...	...	..	..	.....	.....
32	...	32	32	32	32	32	32	32	32	32	8	24	32	....	...	...	...	..	..	.....	.....
34	...	34	34	34	34	34	34	34	34	34	17	17	34	....	...	...	...	..	..	.....	.....
....	...	48	48	48	48	48	48	48	....	48	24	24	48	....	...	...	...	..	..	.....	.....
....	...	44	44	44	44	44	44	44	....	44	....	....	44	....	...	...	...	..	..	.....	.....
....	...	43	43	43	43	24	.....	.....	....	43	....	....	43	....	...	...	...	..	..	.....	.....
....	...	48	48	48	48	.....	.....	.....	....	48	....	....	48	....	...	...	...	..	..	.....	.....
....	...	48	48	48	48	.....	.....	.....	....	48	....	....	48	....	...	...	...	..	..	.....	.....
...	...	34	34	34	34	34	.....	.....	....	34	...	...	34	....	...	...	...	..	..	.....	.....
66	...	331	331	331	331	216	158	158	66	331	49	65	331	....	...	...	...	..	..	.....	.....
26	...	26	26	26	26	26	26	26	26	26	14	12	26	....	...	...	...	..	..	.....	.....
....	...	44	44	44	44	44	44	44	....	44	24	20	44	....	...	...	...	..	..	.....	.....
....	...	48	48	48	48	48	19	19	....	48	....	....	48	....	...	...	...	..	..	.....	.....
...	...	50	50	50	50	27	.....	.....	....	50	....	....	50	....	...	...	...	..	..	.....	.....
....	...	39	39	39	39	.....	.....	.....	....	39	....	....	39	....	...	...	...	..	..	.....	.....
....	...	45	45	45	45	.....	.....	.....	....	45	....	....	45	....	...	...	...	..	..	.....	.....
26	...	252	252	252	252	145	89	89	26	252	38	32	252	....	...	...	...	..	..	.....	.....

GRADED CITY SCHOOLS.

SCHOOL.	TEACHER.	CERTIFICATE.	Annual Salary.	Days School was in Session.	No. of Pupils enrolled.	Boys.	Girls.	Average Daily Attendance.	First Primer.	Second Primer.	First Reader.	Second Reader.	Third Reader.
Vancouver.—*Continued.*			$										
Central, 1st Division	W. G. Gourlie, B.A.	Academic	2,860	166	40	19	21	33.03	....	....	....	....	....
" 2nd "	H. W. Gamey	1st Class	1,300	166	39	21	18	27.49	....	....	....	....	....
" 3rd "	Miss G. MacKenzie	1st "	1,420	166	42	17	25	31.84	....	....	....	....	....
" 4th "	Miss M. E. Loughead	1st "	1,300	166	48	22	26	37.60	....	....	....	....	48
" 5th "	Miss W. A. Grant	2nd "	1,100	166	47	25	22	37.82	....	....	....	....	47
" 6th "	Miss E. Cook	1st "	1,420	166	47	26	21	40.15	....	....	....	....	47
" 7th "	Miss E. H. Luscombe	1st "	1,360	164½	48	23	25	34.89	....	....	....	....	48
" 8th "	Miss M. E. Prescott	2nd "	950	166	51	30	21	34.05	....	....	48	3	....
" 9th "	Miss G. H. Patrick	3rd "	1,050	166	57	29	28	36.59	....	....	....	57	....
" 10th "	Miss E. M. Boyer	2nd "	1,000	166	45	27	18	38.56	....	....	5	40	....
" 11th "	Miss E. B. Dixon	1st "	1,360	166	56	36	20	35.91	....	56	....	....	....
" 12th "	Miss E. Wickett, B.A.	Academic	1,360	166	45	22	23	36.16	45	....	....	....	....
" 13th "	Miss A. B. Elmsley	1st Class	1,420	166	43	26	17	24.85	43	....	....	....	....
" 14th "	Miss I. M. Scott	2nd "	950	166	47	30	17	26.70	47	....	....	....	....
" 15th "	W. Flett, M.A.	Academic	1,540	166	153	153	.....	43.12	70	6	39	16	16
" 16th "	J. A. Stuart, B.A.	"	1,540	166	92	92	.....	32.58	56	15	21	....	....
" 17th "	Miss P. R. Graham	2nd Class	1,000	166	14	7	7	7.57	12	....	....	2	....
" 18th "	Miss L. E. Frith	2nd "	1,480	161	16	10	6	11.64	....	4	....	5	7
" 19th "	Miss R. Kerr	2nd "	1,480	120	6	3	3	4.70	....	....	....	....	....
" 20th "	G. Craig	.....	1,250	41	44	44	.....	25.56	11	21	12	....	....
					980	662	318	600.81	284	102	125	123	213
Children's Home, 1st D.	Miss F. Warne	Academic	1,000	134½	22	11	11	18.92	....	....	....	....	16
" 2nd "	Miss J. Sheepy	3rd Class	1,420	156½	28	13	15	29.78	....	....	....	....	24
" 3rd "	Miss E. V. Howe	2nd "	1,050	156½	23	12	11	22.24	....	....	4	19	....
" 4th "	Miss Z. B. Wilson	1st "	1,150	156½	30	14	16	26.30	20	10	....	....	....
					103	50	53	97.24	20	10	4	19	40
Dawson, 1st Division	J. R. Pollock	1st Class	2,932	166	43	19	24	31.44	....	....	....	....	....
" 2nd "	H. McDonald	1st "	1,900	166	39	20	19	28.26	....	....	....	....	....
" 3rd "	Miss L. Howell, M.A.	Academic	1,150	166	34	14	20	31.62	....	....	....	....	....
" 4th "	Miss E. D. Ross	1st Class	1,360	166	35	12	23	23.48	....	....	....	....	....
" 5th "	Miss H. L. MacDonald	1st "	1,420	166	37	15	22	31.38	....	....	....	....	....
" 6th "	Miss N. Bain	1st "	1,420	166	41	22	19	36.17	....	....	....	....	....
" 7th "	Miss A. M. Lewis	2nd "	1,480	166	25	20	5	19.87	....	....	....	....	22
" 8th "	Miss C. M. Sterns, B.A.	Academic	1,360	166	37	18	19	29.13	....	....	....	....	37
" 9th "	Miss L. I. Brundrett	2nd Class	1,050	166	39	19	20	34.62	....	....	....	....	1
" 10th "	Miss M. A. Williams	1st "	1,000	166	44	22	22	34.90	....	....	....	....	44
" 11th "	Miss M. E. MacKenzie,	Academic	1,420	166	40	17	23	30.71	....	....	....	....	....
" 12th "	Miss J. McHeffey, B.A.	2nd Class	1,050	166	46	22	24	38.06	....	....	....	....	46
" 13th "	Miss B. M. Bigney	1st "	1,300	166	43	19	24	32.04	....	....	....	....	43
" 14th "	Miss F. E. Latimer	2nd "	1,000	166	44	18	26	37.15	....	....	....	....	44
" 15th "	Miss D. P. Coburg	1st "	1,000	165½	40	26	14	30.41	....	....	....	3	37
" 16th "	Miss C. T. Murray	1st "	1,250	166	42	24	18	30.52	....	....	....	42	....
" 17th "	Miss R. Tanner	2nd "	1,360	166	32	16	16	27.21	....	....	....	32	....
" 18th "	Miss N. M. Morgan	2nd "	1,100	166	29	13	16	28.18	....	....	....	29	....
" 19th "	Miss J. I. Wilson	2nd "	1,100	166	47	19	28	35.64	....	....	....	47	....
" 20th "	Mrs. D. Johnston	1st "	1,050	166	30	19	11	29.51	....	....	30	....	....
" 21st "	Miss F. A. Chandler	2nd "	1,200	166	42	22	20	30.55	....	....	42	....	....
" 22nd "	Miss E. D. Bryant	2nd "	1,360	166	49	26	23	32.36	6	43	....	....	....
" 23rd "	Miss L. J. Laursen	1st "	1,420	165½	45	31	14	33.40	45	....	....	....	....
" 24th "	Miss I. M. Van Blaricom,	Academic	1,420	166	54	30	24	36.16	54	....	....	....	....
" 25th "	Miss D. G. Chandler, B.A.	2nd Class	1,150	98	42	15	27	37.91	42	....	....	....	....
" 26th "	Miss E. M. Watson	Temporary	1,000	98	12	7	5	10.31	....	1	....	3	8
					1011	505	506	800.99	147	44	72	156	282
Charles Dickens, 1st D.	J. Dunbar	1st Class	2,176	166	41	22	19	32.17	....	....	....	....	....
" 2nd "	Miss E. F. Brinton	1st "	1,250	166	42	27	15	34.94	....	....	....	....	1
" 3rd "	Miss S. A. Fountain, B.A.	Academic	1,000	147	39	18	21	32.68	....	....	....	....	39
" 4th "	Miss F. W. Clark	2nd Class	1,050	166	34	16	18	33.62	....	....	....	3	31
" 5th "	Miss H. McNeill	1st "	1,000	166	43	23	20	33.91	....	....	....	43	....
" 6th "	Miss B. E. Ward	1st "	1,360	166	45	21	24	36.28	....	17	28	....	....
" 7th "	Miss A. M. Fisher	1st "	1,100	166	35	17	18	30.54	34	1	....	....	....
" 8th "	Miss D. M. Lord	2nd "	1,000	166	31	17	14	29.64	31	....	....	....	....
					310	161	149	263.78	65	18	28	46	71
Fairview, 1st Division	A. Clark	1st "	2,860	166	41	15	26	34.02	....	....	....	....	....
" 2nd "	S. J. Bryant	1st "	1,936	166	47	16	31	37.53	....	....	....	....	....
" 3rd "	Miss M. P. Sinclair	2nd "	1,420	166	39	17	22	32.98	....	....	....	....	....
" 4th "	Miss O. B. Mackenzie	2nd "	950	166	41	18	23	36.99	....	....	....	....	41

SCHOOL-YEAR ENDING JUNE 30TH, 1919—*Continued.*

NUMBER OF PUPILS IN EACH READER AND IN EACH SUBJECT OF STUDY.																				Amount paid by Government on account of Teachers' Salaries, etc.	Amount paid by District in addition to Expenditure by Government.
Fourth Reader.	Fifth Reader.	Writing, Dictation and Spelling, and Composition.	Arithmetic.	Nature Lessons and Hygiene.	Drawing.	Geography.	Canadian History and British History.	English Grammar.	English Literature.	Physical Exercises.	Manual Training.	Domestic Science (Needlework, etc.).	Music.	Algebra.	Geometry.	Latin.	French.	Physical Science.	Botany.	$ cts.	$ cts.
40	...	40	40	40	40	40	40	40	40	40	19	21	40	....	....	....	....	..	..	.....	.....
39	...	39	39	39	39	39	39	39	39	39	21	18	.....	....	....	....	....	..	..	.....	.....
42	...	42	42	42	42	42	42	42	42	42	17	25	42	....	....	....	....	..	..	.....	.....
....	...	48	48	48	48	48	48	....	48	48	22	26	48	....	....	....	....	..	..	.....	.....
....	...	47	47	47	47	47	47	47	....	47	25	22	47	....	....	....	....	..	..	.....	.....
....	...	47	47	47	47	47	47	47	...	47	.....	.....	47	....	....	....	....	..	..	.....	.....
....	...	48	48	48	48	48	48	48	....	48	.....	.....	48	....	....	....	....	..	..	.....	.....
....	...	51	51	51	51	3	.....	.....	....	51	.....	.....	51	....	....	....	....	..	..	.....	.....
....	...	57	57	57	57	57	.....	.....	....	57	.....	.....	57	....	....	....	....	..	..	.....	.....
....	...	45	45	45	45	40	.....	.....	....	45	.....	.....	.....	....	....	....	....	..	..	.....	.....
....	...	56	56	56	56	.....	.....	.....	....	56	.....	.....	56	....	....	....	....	..	..	.....	.....
....	...	45	45	45	45	.....	.....	.....	....	45	.....	.....	45	....	....	....	....	..	..	.....	.....
....	...	43	43	43	43	.....	.....	.....	....	43	.....	.....	43	....	....	....	....	..	..	.....	.....
....	...	47	47	47	47	.....	.....	.....	....	47	.....	.....	47	....	....	....	....	..	..	.....	.....
6	...	153	153	153	153	38	22	22	6	153	22	.....	.....	....	....	....	....	..	..	Special	class.
...	...	92	92	92	92	.....	.....	.....	....	92	.....	.....	.....	....	....	....	....	..	..	"	"
....	...	14	14	14	14	2	.....	.....	...	14	.....	.....	14	....	....	....	....	..	..	"	"
....	...	16	16	16	16	12	7	7	....	16	10	6	16	....	....	....	....	..	..	.....	.....
....	...	.....	.....	.....	.....	.....	.....	.....	....	.....	.....	.....	.....	....	....	....	....	..	..	Special	class.
....	...	44	44	44	44	.....	.....	.....	....	44	.....	.....	.....	....	....	....	....	..	..	.....	.....
127	...	974	974	974	974	463	340	340	127	974	136	118	601	...	...	...	...	..	..	.....	.....
6	...	22	22	22	22	22	22	22	6	22	11	11	22	....	....	....	....	..	..	.....	.....
4	...	28	28	28	28	28	28	28	4	28	13	15	28	....	....	....	....	..	..	.....	.....
....	...	23	23	23	23	19	.....	.....	....	23	...	.	23	....	....	....	....	..	..	.....	.....
....	...	30	30	30	30	.....	.....	.....	....	30	....	...	30	....	....	....	....	..	..	.....	.....
10	...	103	103	103	103	69	50	50	10	103	24	26	103	..	....	....	....	..	..	.....	.....
43	...	43	43	43	43	43	43	43	43	43	19	24	43	....	....	....	....	..	..	.....	.....
39	...	39	39	39	39	39	39	39	39	39	20	19	39	....	....	....	....	..	..	.....	.....
34	...	34	34	34	34	34	34	34	34	34	14	20	34	....	....	....	....	..	..	.....	.....
35	...	35	35	35	35	35	35	35	35	35	12	23	35	....	....	....	....	..	..	.....	.....
37	...	37	37	37	37	37	37	37	37	37	15	22	37	....	....	....	....	..	..	.....	.....
41	..	41	41	41	41	41	41	41	41	41	22	19	41	....	....	....	....	..	..	.....	.....
3	...	25	25	25	25	25	25	25	3	25	20	5	25	....	....	....	....	..	..	.....	.....
....	..	37	37	37	37	37	37	37	....	37	18	19	37	....	....	....	....	..	..	.....	.....
38	...	39	39	39	39	39	39	39	38	39	19	20	39	....	....	....	....	..	..	.....	.....
....	...	44	44	44	44	44	44	44	....	44	22	22	44	....	....	....	....	..	..	.....	.....
40	...	40	40	40	40	40	40	40	40	40	17	23	40	....	....	....	....	..	..	.....	.....
....	...	46	46	46	46	46	46	....	....	46	....	....	46	....	....	....	....	..	..	.....	.....
....	...	43	43	43	43	43	43	43	....	43	....	....	43	....	....	....	....	..	..	.....	.....
....	...	44	44	44	44	44	44	44	....	44	....	....	44	....	....	....	....	..	..	.....	.....
....	...	40	40	40	40	40	37	37	....	40	....	....	.....	....	....	....	....	..	..	.....	.....
....	...	42	42	42	42	42	.....	.....	...	42	....	....	42	....	....	....	....	..	..	.....	.....
....	...	32	32	32	32	32	.....	.....	....	32	....	....	32	....	....	....	....	..	..	.....	.....
...	...	29	29	29	29	29	.....	.....	....	29	....	....	29	....	....	....	....	..	..	.....	.....
....	...	47	47	47	47	47	.....	.....	....	47	...	...	47	....	....	....	....	..	..	.....	.....
....	...	30	30	30	30	.....	.....	.....	....	30	....	....	30	....	....	....	....	..	..	.....	.....
....	...	42	42	42	42	.....	.....	.....	....	42	....	....	42	....	....	....	....	..	..	.....	.....
....	...	49	49	49	49	.....	.....	.....	....	49	....	....	49	....	....	....	....	..	..	.....	.....
....	...	45	45	45	45	.....	.....	.....	....	45	....	....	45	....	....	....	....	..	..	.....	.....
....	...	54	54	54	54	.....	.....	.....	....	54	....	....	54	....	....	....	....	..	..	.....	.....
....	...	42	42	42	42	.....	.....	.....	....	42	....	....	42	....	....	....	....	..	..	.....	.....
....	...	12	12	12	12	11	8	8	....	12	7	5	12	....	....	....	....	..	..	Special	class.
310	...	1011	1011	1011	1011	748	592	592	310	1011	205	221	971	....	....	....	....	..	..	.....	.....
41	...	41	41	41	41	41	41	41	41	41	22	19	41	....	....	....	....	..	..	.....	.....
41	...	42	42	42	42	42	42	42	41	42	27	15	42	....	....	....	....	..	..	.....	.....
....	...	39	39	39	39	39	39	39	....	39	18	21	39	....	....	....	....	..	..	.....	.....
....	...	34	34	34	34	34	31	31	....	34	.....	.....	34	....	....	....	....	..	..	.....	.....
....	...	43	43	43	43	43	.....	.....	....	43	.....	.....	43	....	....	....	....	..	..	.....	.....
....	...	45	45	45	45	.. .	.....	.....	....	45	.....	.....	45	....	....	....	....	..	..	.....	.....
....	...	35	35	35	35	.....	.....	.....	....	35	.....	.....	.....	....	....	....	....	..	..	.....	.....
....	...	31	31	31	31	.....	.....	.....	....	31	.....	.....	.....	....	....	....	....	..	..	.....	.....
82	...	310	310	310	310	199	153	153	82	310	67	55	244	...	...	...	...	..	..	.....	.....
41	...	41	41	41	41	41	41	41	41	41	15	26	41	....	....	....	....	..	..	.....	.....
47	...	47	47	47	47	47	47	47	47	47	16	31	47	....	....	....	....	..	..	.....	.....
39	...	39	39	39	39	39	39	39	39	39	17	22	39	....	....	....	....	..	..	.....	.....
....	...	41	41	41	41	41	41	41	....	41	18	23	41	....	....	....	....	..	..	.....	.....

GRADED CITY SCHOOLS.

SCHOOL.	TEACHER.	CERTIFICATE.	Annual Salary.	Days School was in Session.	No. of Pupils enrolled.	Boys.	Girls.	Average Daily Attendance.	First Primer.	Second Primer.	First Reader.	Second Reader.	Third Reader.
Vancouver.—*Continued.*			$										
Fairview, 5th Division	Miss M. P. Fallowes	2nd Class	1,150	166	43	20	23	36.24	....	....	....	....	43
" 6th "	Miss A. M. Loggie	1st "	1,250	166	43	23	20	39.53	....	....	....	....	43
" 7th "	Miss A. G. Perkins	1st "	1,250	166	41	19	22	37.34	....	....	....	....	41
" 8th "	Miss L. B. Hodgins	2nd "	1,360	166	47	26	21	36.46	....	....	....	47	....
" 9th "	Miss A. A. Greggor, B.A.	Academic	1,000	166	41	28	13	31.39	....	1	14	26	....
" 10th "	Miss E. E. Fletcher	2nd Class	1,420	166	54	21	33	36.74	....	34	20	....	....
" 11th "	Miss D. Cowperthwaite	2nd "	1,150	166	44	28	16	31.80	44	....	....	....	....
" 12th "	Miss L. J. Bollert, B.A.	Academic	1,100	166	47	28	19	35.31	47	....	....	....	....
" 13th "	Miss E. Painter	2nd Class	1,360	166	35	14	21	22.80	16	6	8	5	....
" 14th "	Mrs. J. P. Leach	1st "	1,420	166	10	9	1	12.38	....	2	3	4	....
" 15th "	Miss H. Brown	2nd "	1,360	159½	12	9	3	10.75	2	....	....	6	4
					585	291	294	472.26	109	43	45	88	172
Franklin, 1st Division	H. D. Herd	Academic	2,050	166	34	16	18	28.51	....	....	....	....	....
" 2nd "	Miss J. F. Parkes	2nd Class	1,050	166	31	15	16	28.75	....	....	....	....	31
" 3rd "	Mrs. M. M. Jarrett	3rd "	1,420	166	44	22	22	34.76	....	....	....	21	23
" 4th "	Miss G. M. Morgan	2nd "	1,000	163	36	21	15	35.95	....	....	16	20	....
" 5th "	Mrs. D. Bradbury	1st "	1,050	166	36	19	17	34.72	14	22	....	....	....
" 6th "	Miss E. E. White	2nd "	1,100	166	38	19	19	30.44	38	....	....	....	....
					219	112	107	193.13	52	22	16	41	54
Simon Fraser, 1st Div.	E. Caspell	1st "	2,860	166	33	13	20	28.73	....	....	....	....	....
" 2nd "	Miss L. F. Davidson	1st "	1,540	166	41	18	23	31.46	....	....	....	....	....
" 3rd "	H. T. Gamey	1st "	1,250	166	42	15	27	36.58	....	....	....	....	....
" 4th "	Miss A. R. McPherson	1st "	1,420	166	36	19	17	28.54	....	....	....	....	....
" 5th "	Miss N. M. Jones	2nd "	1,000	166	35	13	22	30.37	....	....	....	....	35
" 6th "	Miss J. R. Hardwick	1st "	1,000	166	40	18	22	36.44	....	....	....	....	40
" 7th "	Miss E. M. Cowan	2nd "	1,360	166	47	21	26	37.84	....	....	....	....	47
" 8th "	Miss M. S. Neill	2nd "	1,100	166	43	25	18	34.47	....	....	....	43	....
" 9th "	Miss M. I. Morrison	2nd "	1,250	166	43	22	21	38.06	....	....	....	43	....
" 10th "	Miss C. M. Leah	1st "	950	166	45	19	26	38.10	....	....	13	32	....
" 11th "	Miss K. M. Faris	2nd "	1,000	166	41	19	22	36.44	....	....	41	....	....
" 12th "	Miss C. Chadwick	1st "	1,360	166	38	19	19	33.81	....	38	....	....	....
" 13th "	Miss S. H. Munro, B.A.	Academic	1,150	166	39	19	20	32.26	28	11	....	....	....
" 14th "	Miss E. L. Ford	2nd Class	1,300	166	44	28	16	33.67	44	....	....	....	....
" 15th "	Miss K. E. Buckerfield	2nd "	1,100	166	18	9	9	10.70	3	....	3	6	6
" 16th "	Miss D. L. Betts	2nd "	950	98	41	26	15	33.41	41	....	....	....	....
					626	303	323	520.88	116	49	57	124	128
General Gordon, 1st D.	H. L. Paget	1st "	2,050	162½	37	17	20	30.96	....	....	....	....	....
" 2nd "	D. M. McLean	3rd "	1,540	164	47	23	24	35.96	....	....	....	....	....
" 3rd "	Mrs. E. B. S. Neill	1st "	1,420	164	45	24	21	36.13	....	....	....	....	45
" 4th "	Miss J. Beaty	2nd "	1,150	166	44	24	20	34.37	....	....	....	....	44
" 5th "	Mrs. M. Good	1st "	1,050	166	46	25	21	36.31	....	....	....	....	46
" 6th "	Miss H. M. Cahill	1st "	1,360	166	46	20	26	36.43	....	....	....	46	....
" 7th "	Miss S. Mills	1st "	1,360	164	52	24	28	37.63	....	....	44	8	....
" 8th "	Miss E. M. Marshall	2nd "	1,250	164	47	33	14	37.94	25	22	....	....	....
" 9th "	Miss M. G. McKay	2nd "	1,420	164	62	36	26	44.93	62	....	....	....	....
					426	226	200	330.66	87	22	44	54	135
Grandview, 1st Div.	H. B. Fitch, M.A.	Academic	2,416	166	34	21	13	28.28	....	....	....	....	....
" 2nd "	J. Beath	2nd Class	1,540	166	46	22	24	38.43	....	....	....	....	....
" 3rd "	Miss J. J. Anderson, B.A.	Academic	1,000	166	44	25	19	38.50	....	....	....	....	28
" 4th "	Miss M. Taylor	1st Class	1,200	166	49	17	32	41.48	....	....	....	....	49
" 5th "	Miss J. C. Turner	1st "	1,250	166	43	27	16	38.86	....	....	....	....	43
" 6th "	Miss I. R. Russell	2nd "	1,150	166	46	18	28	42.34	....	....	....	....	46
" 7th "	Miss M. A. Annand	1st "	1,250	163	42	18	24	35.38	....	....	....	42	....
" 8th "	Miss K. P. Duncan	1st "	950	166	39	11	28	35.40	....	....	....	39	....
" 9th "	Miss E. L. George	2nd "	1,360	166	42	23	19	38.75	....	....	28	14	....
" 10th "	Miss E. Hewton	2nd "	1,000	166	43	25	18	37.67	....	17	26	....	....
" 11th "	Miss E. M. Simpson	2nd "	1,050	165½	41	19	22	36.82	14	27	....	....	....
" 12th "	Miss L. Bampton	1st "	1,100	166	34	20	14	32.95	34	....	....	....	....
" 13th "	Miss B. Cave-Brown-Cave	1st "	1,250	166	42	25	17	32.24	42	....	....	....	....
					545	271	274	477.10	90	44	54	95	166
Hastings, 1st Division	E. W. Reid, B.A.	Academic	2,140	166	36	17	19	31.78	....	....	....	....	....
" 2nd "	C. Logan	1st Class	1,576	166	42	20	22	37.10	....	....	....	....	....
" 3rd "	A. T. Towell	2nd "	1,250	166	40	12	28	32.15	....	....	....	....	25
" 4th "	Miss M. H. Moody, B.A.	Academic	1,420	166	48	25	23	38.43	....	....	....	....	48

SCHOOL-YEAR ENDING JUNE 30TH, 1919—*Continued.*

NUMBER OF PUPILS IN EACH READER AND IN EACH SUBJECT OF STUDY.																					Amount paid by Government on account of Teachers' Salaries, etc.	Amount paid by District in addition to Expenditure by Government.
Fourth Reader.	Fifth Reader.	Writing, Dictation and Spelling, and Composition.	Arithmetic.	Nature Lessons and Hygiene.	Drawing.	Geography.	Canadian History and British History.	English Grammar.	English Literature.	Physical Exercises.	Manual Training.	Domestic Science (Needlework, etc.).	Music.	Algebra.	Geometry.	Latin.	French.	Physical Science.	Botany.			
																					$ cts.	$ cts.
....	...	43	43	43	43	43	43	43	....	43	....	....	43	....	..	...	...	..	..		.....	.....
....	...	43	43	43	43	43	43	43	....	43	....	....	43	....	..	...	...	..	..		.....	.....
....	...	41	41	41	41	41	41	41	....	41	....	....	41	....	..	...	...	..	..		.....	.....
....	...	47	47	47	47	47	.....	.....	....	47	....	....	47	....	..	...	...	..	..		.....	.....
....	...	41	41	41	41	26	.....	.....	....	41	....	....	41	....	..	...	...	..	..		.....	.....
....	...	54	54	54	54	.....	.....	.....	....	54	....	....	54	....	..	...	...	..	..		.....	.....
....	...	44	44	44	44	.....	.....	.....	....	44	....	....	44	....	..	...	...	..	..		.....	.....
....	...	47	47	47	47	.....	.....	.....	....	47	....	....	47	....	..	...	...	..	..		.....	.....
....	...	35	35	35	35	5	.....	.....	....	35	....	....	35	....	..	...	...	..	..		.....	.....
1	...	10	10	10	10	5	1	1	1	10	1	1	10	....	..	...	...	..	..		.....	.....
....	...	12	12	12	12	10	4	4	....	12	9	3	12	....	..	...	...	..	..		.....	.....
28	...	585	585	585	585	388	300	300	128	585	76	106	585	....	..	...	...	..	..		.....	.....
34	...	34	34	34	34	34	34	34	34	34	16	18	.....	....	..	...	...	..	..		.....	.....
....	...	31	31	31	31	31	31	31	....	31	15	16	31	....	..	...	...	..	..		.....	.....
....	...	44	44	44	44	44	23	23	....	44	....	....	44	....	..	...	...	..	..		.....	.....
....	...	36	36	36	36	20	.....	.....	....	36	....	....	36	....	..	...	...	..	..		.....	.....
....	...	36	36	36	36	....	.....	.....	....	36	....	...	....	....	..	...	...	..	..		.....	.....
....	...	38	38	38	38	.....	.....	.....	....	38	....	....	38	....	..	...	...	..	..		.....	.....
34	...	219	219	219	219	129	88	88	34	219	31	34	149	....	..	..	...	..	..		.....	.....
33	...	33	33	33	33	33	33	33	33	33	13	20	33	....	..	...	...	..	..		.....	.....
41	...	41	41	41	41	41	41	41	41	41	18	23	.....	....	..	...	...	..	..		.....	.....
42	...	42	42	42	42	42	42	42	42	42	15	27	42	....	..	...	...	..	..		.....	.....
36	...	36	36	36	36	36	36	36	36	36	19	17	36	....	..	...	...	..	..		.....	.....
....	...	35	35	35	35	35	35	35	....	35	13	22	35	....	..	...	...	..	..		.....	.....
...	...	40	40	40	40	40	40	40	....	40	....	....	40	....	..	...	...	..	..		.....	.....
....	...	47	47	47	47	47	47	47	....	47	....	....	47	....	..	...	...	..	..		.....	.....
....	...	43	43	43	43	43	.....	.....	....	43	....	....	43	....	..	...	...	..	..		.....	.....
....	...	43	43	43	43	43	.....	.....	....	43	....	....	43	....	..	...	...	..	..		.....	.....
....	...	45	45	45	45	32	.....	.....	....	45	....	....	....	....	..	...	...	..	..		.....	.....
....	...	41	41	41	41	.....	.....	.....	....	41	...	....	41	....	..	...	...	..	..		.....	.....
...	...	38	38	38	38	.....	.....	.....	....	38	....	....	38	....	..	...	...	..	..		.....	.....
....	...	39	39	39	39	.....	.....	.....	....	39	....	...	39	....	..	...	...	..	..		.....	.....
....	...	44	44	44	44	.....	.....	.....	....	44	....	....	44	....	..	...	...	..	..		.....	.....
....	...	18	18	18	18	12	6	6	....	18	9	9	18	....	..	...	...	..	..		.....	.....
....	...	41	41	41	41	.....	.....	.....	....	41	....	....	41	....	..	...	...	..	..		.....	.....
152	...	626	626	626	626	404	280	280	152	626	87	118	540	....	..	...	...	..	..		.....	.....
37	...	37	37	37	37	37	37	37	37	37	17	20	37	....	..	...	...	..	..		.....	.....
47	...	47	47	47	47	47	47	47	47	47	23	24	49	....	..	...	...	..	..		.....	.....
....	...	45	45	45	45	45	45	45	....	45	24	21	45	....	..	...	...	..	..		.....	.....
....	...	44	44	44	44	44	44	44	....	44	24	20	44	....	..	...	...	..	..		.....	.....
....	...	46	46	46	46	46	46	40	....	46	....	....	46	....	..	...	...	..	..		.....	.....
....	...	46	46	46	46	46	.....	.....	....	46	....	....	46	....	..	...	...	..	..		.....	.....
....	...	52	52	52	52	8	.....	.....	....	52	....	....	52	....	..	...	...	..	..		.....	.....
....	...	47	47	47	47	.....	.....	.....	....	47	....	....	47	....	..	...	...	..	..		.....	.....
....	...	62	62	62	62	.....	.....	.....	....	62	....	....	62	....	..	...	...	..	..		.....	.....
84	...	426	426	426	426	273	219	219	84	426	88	85	426	....	..	...	...	..	..		.....	.....
34	...	34	34	34	34	34	34	34	34	34	21	13	34	....	..	...	...	..	..		.....	.....
46	...	46	46	46	46	46	46	46	46	46	22	24	46	....	..	...	...	..	..		.....	.....
16	...	44	44	44	44	44	44	44	16	44	25	19	44	....	..	...	...	..	..		.....	.....
....	...	49	49	49	49	49	49	49	....	49	17	32	49	....	..	...	...	..	..		.....	.....
....	...	43	43	43	43	43	43	43	....	43	27	16	43	....	..	...	...	..	..		.....	.....
....	...	46	46	46	46	46	46	46	....	46	....	....	46	....	..	...	...	..	..		.....	.....
...	...	42	42	42	42	42	.....	.....	....	42	....	....	42	....	..	...	...	..	..		.....	.....
....	...	39	39	39	39	39	.....	.....	....	39	....	....	....	....	..	...	...	..	..		.....	.....
....	...	42	42	42	42	14	.....	.....	....	42	....	....	42	....	..	...	...	..	..		.....	.....
....	...	43	43	43	43	....	.....	.....	....	43	....	....	43	....	..	...	...	..	..		.....	.....
....	...	41	41	41	41	.....	.....	.....	....	41	....	....	41	....	..	...	...	..	..		.....	.....
....	...	34	34	34	34	.....	.....	.....	....	34	....	....	34	....	..	...	...	..	..		.....	.....
....	...	42	42	42	42	.....	.....	.....	....	42	....	....	42	....	..	...	...	..	..		.....	.....
96	...	545	545	545	545	357	262	262	96	545	112	104	506	....	..	...	...	..	..		.....	.....
36	...	36	36	36	36	36	36	36	36	36	17	19	.....	....	..	...	...	..	..		.....	.....
42	...	42	42	42	42	42	42	42	42	42	20	22	42	....	..	...	...	..	..		.....	.....
15	...	40	40	40	40	40	40	40	15	40	12	28	40	....	..	...	...	..	..		.....	.....
....	...	48	48	48	48	48	48	48	....	48	25	23	48	....	..	...	...	..	..		.....	.....

GRADED CITY SCHOOLS.

SCHOOL.	TEACHER.	CERTIFICATE.	Annual Salary.	Days School was in Session.	No. of Pupils enrolled.	Boys.	Girls.	Average Daily Attendance.	First Primer.	Second Primer.	First Reader.	Second Reader.	Third Reader.
Vancouver.—*Continued.*													
Hastings, 5th Division	Miss M. R. Wilson	1st Class	1,300	166	40	21	19	35.78	....	....	....	....	40
" 6th "	Miss M. McMillan	2nd "	1,100	166	37	12	25	36.45	....	....	....	....	37
" 7th "	Miss A. M. Balkwell	2nd "	1,360	166	39	16	23	33.69	....	....	....	39	....
" 8th "	Miss A. Warner	2nd "	1,200	166	43	19	24	37.00	....	....	....	43	....
" 9th "	Miss A. A. Eaton, B.A.	Academic	1,300	166	43	17	26	34.24	....	....	43	....	....
" 10th "	Miss E. H. Webber	2nd Class	1,050	166	36	19	17	35.09	....	36	....	....	....
" 11th "	Miss Z. C. Hawe	1st "	1,050	166	53	31	22	39.71	53	....	....	....	....
" 12th "	Miss A. Hughes	1st "	1,250	166	49	33	16	36.12	49	....	....	....	....
					506	242	264	427.54	102	36	43	82	150
Henry Hudson, 1st D.	F. C. Wilson, B.A.	Academic	2,860	166	36	17	19	33.52	....	....	....	....	....
" 2nd "	A. E. Shearman	1st Class	1,816	166	48	27	21	37.89	....	....	....	....	....
" 3rd "	Miss M. A. Suggett, B.A.	Academic	1,000	166	39	16	23	35.02	....	....	....	....	39
" 4th "	Miss M. Ferguson, B.A.	"	1,300	166	48	22	26	39.16	....	....	....	....	48
" 5th "	Miss E. A. Middlemiss	2nd Class	1,100	166	37	19	18	32.54	....	....	....	....	37
" 6th "	Miss E. H. Reveley	2nd "	1,250	166	42	22	20	32.68	....	....	....	11	31
" 7th "	Miss F. Warne	Academic	1,000	166	45	23	22	36.71	....	....	....	45	....
" 8th "	Miss G. E. McDonald	1st Class	1,300	166	50	25	25	39.76	....	....	....	50	....
" 9th "	Miss M. W. Stone	1st "	1,150	166	41	22	19	34.29	....	....	41	....	....
" 10th "	Miss G. H. McMannes	2nd "	950	166	41	28	13	32.05	....	31	10	....	....
" 11th "	Miss G. A. Patrick	2nd "	1,100	165½	37	28	9	24.15	37	....	....	....	....
" 12th "	Miss E. S. Snider	2nd "	1,360	166	35	20	15	25.67	35	....	....	....	....
" 13th "	Miss A. I. Vermilyea, B.A.	Academic	1,150	166	48	20	28	27.96	48	....	....	....	....
" 14th "	Miss F. I. Grant	2nd Class	1,420	98	40	19	21	34.78	....	....	....	....	16
					587	308	279	466.18	120	31	51	106	171
Kitsilano, 1st Division.	T. W. Woodhead	Academic	2,536	160	46	21	25	38.90	....	....	....	....	....
" 2nd "	Miss E. M. Beckman	"	1,540	158	49	23	26	39.45	....	....	....	....	....
" 3rd "	Miss G. E. Stevens	1st Class	1,150	158	36	15	21	31.14	....	....	....	....	36
" 4th "	Miss M. O. Snider	2nd "	1,000	158	39	16	23	31.44	....	....	....	....	39
" 5th "	Miss N. K. Thompson	Academic	1,000	158	44	21	23	34.08	....	....	....	....	44
" 6th "	Miss N. T. Stables	2nd Class	1,300	158	49	19	30	40.53	....	....	....	25	24
" 7th "	Miss L. M. Simpson	1st "	1,300	158	52	27	25	40.91	....	....	52	....	....
" 8th "	Miss F. S. Howard, B.A.	Academic	1,360	158	42	26	16	37.47	12	29	1	....	....
" 9th "	Miss M. E. N. Lee	2nd Class	1,360	158	33	12	21	32.13	19	14	....	....	....
" 10th "	Miss C. E. Stewart	1st "	1,250	158	27	14	13	26.59	27	....	....	....	....
" 11th "	Miss M. Dawe	1st "	950	90	46	30	16	40.06	....	....	....	46	....
					463	224	239	392.70	58	43	53	71	143
Livingstone, 1st Div.	C. R. Messinger, B.A.	Academic	2,620	166	31	14	17	26.64	....	....	....	....	....
" 2nd "	R. K. Bell	1st Class	1,360	166	46	20	26	37.27	....	....	....	....	14
" 3rd "	Miss V. M. Lewis	Academic	1,050	166	46	28	18	33.24	....	....	....	....	46
" 4th "	Miss A. Macdonald	2nd Class	1,420	166	34	21	13	29.87	....	....	....	....	34
" 5th "	Miss M. M. McCarthy	2nd Class	1,000	166	46	25	21	32.91	....	....	....	22	24
" 6th "	Miss N. J. Tully	2nd "	950	166	46	25	21	38.25	....	....	....	46	....
" 7th "	Miss A. L. Chatterton	2nd "	1,000	166	37	17	20	29.40	....	....	37	....	....
" 8th "	Miss V. M. Bissett	2nd "	1,050	166	35	16	19	27.31	....	24	11	....	....
" 9th "	Mrs. E. Baron	2nd "	1,300	166	38	19	19	29.16	38	....	....	....	....
" 10th "	Miss A. M. McLean	2nd "	1,050	166	43	23	20	32.29	43	....	....	....	....
					402	208	194	316.34	81	24	48	68	118
Model, 1st Division	F. H. Dobson, B.A.	Academic	3,010	166	35	12	23	31.06	....	....	....	....	....
" 2nd "	T. V. Clarke	1st Class	2,036	166	38	17	21	30.93	....	....	....	....	....
" 3rd "	Miss A. Spencer	1st "	1,520	166	40	16	24	31.99	....	....	....	....	....
" 4th "	Mrs. A. C. Huggard	1st "	1,520	166	38	20	18	29.68	....	....	....	....	38
" 5th "	Miss E. C. Matherson	2nd "	1,300	166	35	16	19	30.13	....	....	....	....	35
" 6th "	Miss E. L. Roberts	1st "	1,400	166	38	18	20	32.11	....	....	....	....	38
" 7th "	Miss C. G. Langley	Academic	1,520	166	45	22	23	36.53	....	....	....	....	45
" 8th "	Miss J. L. Campbell	1st Class	1,460	166	44	20	24	37.41	....	....	....	44	....
" 9th "	Miss E. L. Stewart	1st "	1,460	166	43	14	29	34.25	....	....	....	43	....
" 10th "	Miss J. L. Simlett	1st "	1,000	166	44	21	23	37.08	....	....	27	17	....
" 11th "	Miss D. Cattell	1st "	1,460	166	46	23	23	35.97	....	46	....	....	....
" 12th "	Miss E. McDougall	3rd "	1,350	166	39	24	15	31.66	39	....	....	....	....
" 13th "	Miss J. E. R. Fisher	2nd "	1,460	166	43	19	24	31.85	43	....	....	....	....
					528	242	286	430.65	82	46	27	104	156
Mount Pleasant, 1st D.	G. E. McKee, B.A.	Academic	2,860	166½	37	14	23	33.18	....	....	....	....	....
" 2nd "	Mrs. J. Templer	1st Class	1,900	166	48	29	19	39.27	....	....	....	....	....

SCHOOL-YEAR ENDING JUNE 30TH, 1919—*Continued.*

NUMBER OF PUPILS IN EACH READER AND IN EACH SUBJECT OF STUDY.																						Amount paid by Government on account of Teachers' Salaries, etc.	Amount paid by District in addition to Expenditure by Government.
Fourth Reader.	Fifth Reader.	Writing, Dictation and Spelling, and Composition.	Arithmetic.	Nature Lessons and Hygiene.	Drawing.	Geography.	Canadian History and British History.	English Grammar.	English Literature.	Physical Exercises.	Manual Training.	Domestic Science (Needlework, etc.).	Music.	Algebra.	Geometry.	Latin.	French.	Physical Science.	Botany.				
																						$ cts.	$ cts
....	...	40	40	40	40	40	40	40	....	40	21	19	40	....	....	....	....	..	..			.....	.....
....	...	37	37	37	37	37	37	37	....	37	....	....	37	....	....	....	....	..	..			.....	.....
....	...	39	39	39	39	39	.....	.....	....	39	....	....	39	....	....	....	....	..	..			.....	.....
....	...	43	43	43	43	43	.....	.....	....	43	....	....	43	....	....	....	....	..	..			.....	.....
....	...	43	43	43	43	.....	.....	.....	....	43	....	....	.....	....	....	....	....	..	..			.....	.....
....	...	36	36	36	36	.....	.....	.....	....	36	....	....	36	....	....	....	....	..	..			.....	.....
....	...	53	53	53	53	.....	.....	.....	....	53	....	....	53	....	....	....	....	..	..			.....	.....
....	...	49	49	49	49	.....	.....	.....	....	49	....	....	49	....	....	....	....	..	..			.....	.....
93	...	506	506	506	506	325	243	243	93	506	95	111	427	....	....	....	....	..	..			.....	.....
36	...	36	36	36	36	36	36	36	36	36	17	19	36	....	....	....	....	..	..			.....	.....
48	...	48	48	48	48	48	48	48	48	48	27	21	48	....	....	....	....	..	..			.....	.....
....	...	39	39	39	39	39	39	39	....	39	16	23	39	....	....	....	....	..	..			.....	.....
....	...	48	48	48	48	48	48	48	....	48	22	26	48	....	....	....	....	..	..			.....	.....
....	...	37	37	37	37	37	37	37	....	37	19	18	37	....	....	....	....	..	..			.....	.....
.	...	42	42	42	42	42	31	31	...	42	16	15	42	....	....	....	....	..	..			.....	.....
....	...	45	45	45	45	45	.....	.....	....	45	..	....	45	....	....	....	....	..	..			.....	.....
....	...	50	50	50	50	50	.....	.....	....	50	...	....	50	....	....	....	....	..	..			.....	.....
....	...	41	41	41	41	.....	.....	.....	....	41	....	....	41	....	....	....	....	..	..			.....	.....
....	...	41	41	41	41	.....	.....	.....	....	41	....	....	41	....	....	....	....	..	..			.....	.....
....	...	37	37	37	37	.....	.....	.....	....	37	....	....	37	....	....	....	....	..	..			.....	.....
....	...	35	35	35	35	.....	.....	.....	....	35	....	....	35	....	....	....	....	..	..			.....	.....
....	...	48	48	48	48	.....	.....	.....	....	48	....	....	48	....	....	....	....	..	..			.....	.....
24	...	40	40	40	40	40	40	40	24	40	19	21	40	....	....	....	....	..	..			.....	.....
108	...	587	587	587	587	385	279	279	108	587	136	143	587	....	....	....	....	..	..			.....	.....
46	...	46	46	46	46	46	46	46	46	46	21	25	46	....	....	....	....	..	..			.....	.....
49	..	49	49	49	49	49	49	49	49	49	23	26	49	....	....	....	....	..	..			.....	.....
....	...	36	36	36	36	36	36	36	...	36	15	21	36	....	....	....	....	..	..			.....	.....
....	...	39	39	39	39	39	39	39	....	39	16	23	39	....	....	....	....	..	..			.....	.....
....	...	44	44	44	44	44	44	44	....	44	....	....	44	....	....	....	....	..	..			.....	.....
...	...	49	49	49	49	49	24	24	....	49	....	....	49	....	....	....	....	..	..			.....	.....
....	...	52	52	52	52	.....	.....	.....	....	52	....	....	52	....	....	....	....	..	..			.....	.....
....	...	42	42	42	42	.....	.....	.....	....	42	....	....	42	....	....	....	....	..	..			.....	.....
....	...	33	33	33	33	.....	.....	.....	...	33	..	....	33	....	....	....	....	..	..			.....	.....
....	...	27	27	27	27	.....	.....	.....	....	27	....	....	27	....	....	....	....	..	..			.....	.....
....	...	46	46	46	46	46	.....	.....	....	46	....	....	46	....	....	....	....	..	..			.....	.....
95	...	463	463	463	463	309	238	238	95	463	75	95	463	....	..	....	....	..	..			.....	.....
31	...	31	31	31	31	31	31	31	31	31	14	17	31	....	....	....	....	..	..			.....	.....
32	..	46	46	46	46	46	46	46	32	46	20	26	46	....	....	....	....	..	..			.....	.....
....	...	46	46	46	46	46	46	46	...	46	28	18	46	....	....	....	....	..	..			.....	.....
....	...	34	34	34	34	34	34	34	....	34	....	....	34	....	....	....	....	..	..			.....	.....
....	...	46	46	46	46	46	24	24	....	46	....	....	46	....	....	....	....	..	..			.....	.....
....	...	46	46	46	46	46	.....	.....	...	46	....	....	46	....	....	....	....	..	..			.....	.....
....	...	37	37	37	37	.....	.....	.....	....	37	...	....	37	....	....	....	....	..	..			.....	.....
....	...	35	35	35	35	.....	.....	.....	....	35	....	....	35	....	....	....	....	..	..			.....	.....
....	...	38	38	38	38	.....	.....	.....	....	38	....	....	38	....	....	....	....	..	..			.....	.....
....	...	43	43	43	43	.....	.....	.....	....	43	....	....	43	....	....	....	....	..	..			.....	.....
63	...	402	402	402	402	249	181	181	63	402	62	61	402	....	....	....	....	..	..			.....	.....
35	...	35	35	35	35	35	35	35	35	35	12	23	35	....	....	....	....	..	..			.....	.....
38	...	38	38	38	38	38	38	38	38	38	17	21	38	....	....	....	....	..	..			.....	.....
40	...	40	40	40	40	40	40	40	40	40	16	24	40	....	....	....	....	..	..			.....	.....
....	...	38	38	38	38	38	38	38	....	38	20	18	38	....	....	....	....	..	..			.....	.....
....	...	35	35	35	35	35	35	35	....	35	16	19	35	....	....	....	....	..	..			.....	.....
....	...	38	38	38	38	38	38	38	....	38	18	20	38	....	....	....	....	..	..			.....	.....
....	...	45	45	45	45	45	45	45	...	45	....	....	45	....	....	....	....	..	..			.....	.....
....	...	44	44	44	44	44	.....	.....	....	44	....	....	44	....	....	....	....	..	..			.....	.....
....	...	43	43	43	43	43	.....	.....	....	43	....	....	43	....	....	....	....	..	..			.....	.....
...	...	44	44	44	44	17	.....	.....	....	44	....	....	44	....	....	....	....	..	..			.....	.....
....	...	46	46	46	46	.....	.....	.....	....	46	....	....	46	....	....	....	....	..	..			.....	.....
....	...	39	39	39	39	.....	.....	.....	....	39	....	....	39	....	....	....	....	..	..			.....	.....
....	...	43	43	43	43	.....	.....	.....	....	43	....	....	43	....	....	....	....	..	..			.....	.....
113	...	528	528	528	528	373	269	269	113	528	99	125	528	....	....	....	....	..	..			.....	.....
37	...	37	37	37	37	37	37	37	37	37	14	23	37	....	....	....	....	..	..			.....	.....
48	...	48	48	48	48	48	48	48	48	48	29	19	48	....	....	....	....	..	..			.....	.....

GRADED CITY SCHOOLS.

SCHOOL.	TEACHER.	CERTIFICATE.	Annual Salary.	Days School was in Session.	No. of Pupils enrolled.	Boys.	Girls.	Average Daily Attendance.	First Primer.	Second Primer.	First Reader.	Second Reader.	Third Reader.
Vancouver.—*Continued.*			$										
Mount Pleasant, 3rd D.	M. W. Mitchell	2nd Class	1,540	166	41	17	24	35.11	....	....	....	....	....
" 4th "	Miss M. E. Maxwell	1st "	1,420	166	36	16	20	33.48	....	....	....	....	36
" 5th "	Miss E. M. Pearson	2nd "	1,420	166	45	20	25	39.51	....	....	....	....	45
" 6th "	Miss G. H. McGregor	2nd "	1,100	164½	41	22	19	35.01	....	....	....	....	41
" 7th "	Mrs. E. C. Leith	Academic	1,420	166	40	27	13	35.38	....	....	....	....	40
" 8th "	Miss H. E. Beattie, B.A.	"	1,200	166	41	22	19	38.18	....	....	....	25	16
" 9th "	Miss C. I. Elliott, B.A.	"	1,050	166	40	15	25	35.82	....	....	....	40	....
" 10th "	Miss E. Gibbs	3rd Class	1,050	166	43	22	21	35.45	....	....	....	43	....
" 11th "	Miss A. McCartney	2nd "	1,050	166	44	21	23	37.02	....	....	29	15	....
" 12th "	Miss M. E. Milley	3rd "	950	166	46	18	28	37.17	....	....	46	....	....
" 13th "	Miss S. I. Cowan	2nd "	1,360	164	47	23	24	38.16	....	47	....	....	....
" 14th "	Miss M. Bower	2nd "	1,150	166	44	19	25	31.56	38	6	....	....	....
" 15th "	Miss M. E. Archibald	1st "	1,200	166	46	23	23	32.99	46	....	....	....	....
" 16th "	Miss A. MacKenzie	1st "	1,100	164	14	6	8	11.91	....	....	1	4	9
" 17th "	Miss C. S. Everett	1st "	1,050	98	43	26	17	33.15	43	....	....	....	....
					696	340	356	582.35	127	53	76	127	187
Macdonald, 1st Div.	E. A. Hemsworth	1st "	2,500	166	36	22	14	31.77	....	....	....	....	....
" 2nd "	W. H. Lambert	Academic	1,600	166	40	21	19	35.51	....	....	....	....	7
" 3rd "	Miss M. Macpherson	2nd Class	1,100	166	48	20	28	37.89	....	....	....	....	48
" 4th "	Miss M. C. Hooper	2nd "	1,000	166	36	20	16	32.48	....	....	....	....	36
" 5th "	Miss E. P. Duthie	2nd "	1,050	166	33	9	24	32.77	....	....	....	....	33
" 6th "	Miss R. M. Macfarlane	1st "	1,360	166	49	21	28	36.76	....	2	....	47	....
" 7th "	Miss W. E. Mellish	1st "	1,050	166	45	27	18	33.64	....	....	16	29	....
" 8th "	Miss G. Brown	1st "	1,250	166	43	18	25	34.85	....	15	28	....	....
" 9th "	Miss D. J. McCallum	2nd "	1,000	166	36	20	16	34.67	19	17	....	....	....
" 10th "	Miss K. C. McLeish	1st "	1,300	166	38	29	9	31.83	38	....	....	....	....
" 11th "	Miss L. H. Hood	2nd "	1,000	98	34	20	14	29.61	34	....	....	....	....
					438	227	211	371.78	91	34	44	76	124
Lord Nelson, 1st Div.	F. A. Jewett, B.A.	Academic	2,896	163	40	21	19	34.54	....	....	....	....	....
" 2nd "	L. B. Code, B.Sc.	"	1,936	163	44	27	17	35.05	....	....	....	....	....
" 3rd "	Miss A. J. Cole	1st Class	1,420	163	50	25	25	43.90	....	....	....	....	....
" 4th "	Miss A. Finlayson	1st "	1,900	163	44	25	19	36.83	....	....	....	....	44
" 5th "	Miss H. E. McLeod, B.A.	Academic	1,300	163	42	24	18	35.46	....	....	....	....	42
" 6th "	Miss G. Philp	2nd Class	950	163	43	27	16	35.17	....	....	....	....	43
" 7th "	Miss H. G. Wilband, B.A.	Academic	950	163	35	21	14	33.48	....	....	....	....	35
" 8th "	Miss D. M. Martin	Temporary	950	163	44	21	23	36.11	....	....	....	....	44
" 9th "	Miss M. H. Mackay	2nd Class	1,000	163	42	21	21	34.15	....	....	....	19	23
" 10th "	Miss B. M. Kelly	2nd "	1,200	163	44	21	23	38.73	....	....	....	44	....
" 11th "	Miss E. E. Thompson	2nd "	1,000	163	42	22	20	37.65	....	....	....	42	....
" 12th "	Miss J. M. Abel	2nd "	1,150	163	51	17	34	38.72	....	....	51	....	....
" 13th "	Miss E. Munro	2nd "	1,150	163	49	30	19	34.90	....	49	....	....	....
" 14th "	Miss J. A. Harvie	2nd "	1,000	163	38	16	22	33.88	38	....	....	....	....
" 15th "	Miss M. E. Jukes	2nd "	1,360	163	39	21	18	32.75	39	....	....	....	....
" 16th "	Miss J. Watson	3rd "	1,050	163	44	28	16	30.97	44	....	....	....	....
					691	367	324	572.29	121	49	51	105	231
Florence Nightingale, 1st Div.	O. J. Thomas, B.A.	Academic	2,380	166	40	19	21	35.58	....	....	....	....	....
" 2nd "	S. D. Meadows, B.A.	"	1,900	166	35	20	15	29.91	....	....	....	....	....
" 3rd "	Miss G. A. Taylor	"	1,420	166	43	21	22	35.24	....	....	....	....	....
" 4th "	Miss J. J. Colter, B.A.	"	1,360	166	42	18	24	34.98	....	....	....	....	....
" 5th "	Miss C. J. Holden	1st Class	1,150	166	43	19	24	34.19	....	....	....	....	43
" 6th "	Miss U. F. Hall	1st "	1,050	166	47	25	22	39.93	....	....	....	....	47
" 7th "	Miss F. J. Close	1st "	1,300	166	47	25	22	39.25	....	....	....	....	47
" 8th "	L. L. Close	1st "	1,300	166	45	17	28	38.01	....	....	....	....	45
" 9th "	Miss B. M. Carruthers, B.A	Academic	1,000	166	51	21	30	38.00	....	....	....	2	49
" 10th "	Miss A. E. McCallum	2nd Class	1,360	166	54	27	27	35.98	....	....	....	54	....
" 11th "	Miss E. M. Lawrence	2nd "	1,250	166	43	27	16	37.00	....	....	....	43	....
" 12th "	Miss H. M. McDonald	2nd "	1,050	166	48	24	24	39.22	....	....	17	31	....
" 13th "	Miss E. M. Taylor, M.A.	Academic	1,000	166	40	23	17	34.45	....	....	40	....	....
" 14th "	Miss J. A. Davidson	1st Class	1,360	166	47	24	23	38.71	12	35	....	....	....
" 15th "	Miss S. Hewton	2nd "	1,360	166	45	22	23	36.02	45	....	....	....	....
" 16th "	Mrs E. H. McPherson	Academic	1,200	166	38	22	16	32.20	38	....	....	....	....
" 17th "	Miss S. McAlpine	2nd Class	1,420	98	42	27	15	34.29	42	....	....	....	....
					750	381	369	612.96	137	35	57	130	231
Cecil Rhodes, 1st Div.	C. R. Evans	1st "	3,010	166	44	20	24	36.84	....	....	....	....	....
" 2nd "	G. Bruce	1st "	1,952	166	45	24	21	37.73	....	....	....	....	....
" 3rd "	Miss E. D. Perkins, B.A.	Academic	1,520	166	46	27	19	37.87	....	....	....	....	21

SCHOOL-YEAR ENDING JUNE 30TH, 1919—*Continued.*

NUMBER OF PUPILS IN EACH READER AND IN EACH SUBJECT OF STUDY.																								
Fourth Reader.	Fifth Reader.	Writing, Dictation and Spelling, and Composition.	Arithmetic.	Nature Lessons and Hygiene.	Drawing.	Geography.	Canadian History and British History.	English Grammar.	English Literature.	Physical Exercises.	Manual Training.	Domestic Science (Needlework, etc.).	Music.	Algebra.	Geometry.	Latin.	French.	Physical Science.	Botany.	Amount paid by Government on account of Teachers' Salaries, etc.	Amount paid by District in addition to Expenditure by Government.
																				$ cts.	$ cts.
41	...	41	41	41	41	41	41	41	41	41	17	24	41	....	....	....	....	..	..	.....	.....
....	...	36	36	36	36	36	36	36	....	36	16	20	36	....	....	....	....	..	..	.....	.....
...	...	45	45	45	45	45	45	45	....	45	20	25	45	....	....	....	....	..	..	.....	.....
...	...	41	41	41	41	41	41	41	....	41	22	19	41	....	....	....	....	..	..	.....	.....
....	...	40	40	40	40	40	40	40	....	40	....	....	40	...	....	....	....	..	..	.....	.....
....	...	41	41	41	41	41	16	16	....	41	....	....	41	....	....	....	....	..	..	.....	.....
....	...	40	40	40	40	40	.....	.....	....	40	....	....	40	....	....	....	....	..	..	.....	.....
....	...	43	43	43	43	43	....	.....	....	43	....	....	43	....	....	....	....	..	..	.....	.....
....	...	44	44	44	44	15	.....	.....	....	44	....	....	44	....	....	....	....	..	..	.....	.....
....	...	46	46	46	46	.....	.....	.....	....	46	....	....	46	....	....	....	....	..	..	.....	.....
....	...	47	47	47	47	.....	.....	.....	....	47	....	....	47	....	....	....	....	..	..	.....	.....
....	...	44	44	44	44	.....	.....	.....	....	44	....	....	44	....	....	....	....	..	..	.....	.....
...	...	46	46	46	46	.....	.....	.....	....	46	....	....	46	....	....	....	....	..	..	.....	.....
....	...	14	14	14	14	13	9	9	....	14	6	8	14	....	....	....	....	..	..	.....	.....
....	...	43	43	43	43	.....	.....	.....	....	43	....	....	43	....	....	....	....	..	..	.....	.....
126	...	696	696	696	696	440	313	313	126	696	124	138	696	....	....	....	....	..	..	.....	.....
36	...	36	36	36	36	36	36	36	36	36	22	14	36	....	....	....	....	..	..	.....	.....
33	...	40	40	40	40	40	40	40	33	40	21	19	40	....	....	....	....	..	..	.....	.....
....	...	48	48	48	48	48	48	48	....	48	20	28	48	....	....	....	....	..	..	.....	.....
....	...	36	36	36	36	36	36	36	....	36	20	16	36	....	....	....	....	..	..	.....	.....
....	...	33	33	33	33	33	33	33	....	33	....	....	33	....	....	....	....	..	..	.....	.....
....	...	49	49	49	49	47	.....	.....	....	49	....	....	49	....	....	....	....	..	..	.....	.....
...	...	45	45	45	45	29	.....	.....	....	45	....	....	45	....	....	....	....	..	..	.....	.....
....	...	43	43	43	43	.....	.....	.....	....	43	....	....	43	....	....	....	....	..	..	.....	.....
....	...	36	36	36	36	....	.....	.....	....	36	....	....	36	....	....	....	....	..	..	.....	.....
....	...	38	38	38	38	.....	.....	.....	....	38	....	....	38	....	....	....	....	..	..	.....	.....
....	...	34	34	34	34	.....	.....	.....	....	34	....	....	34	....	....	....	....	..	..	.....	.....
69	...	438	438	438	438	269	193	193	69	438	83	77	438	....	....	....	....	..	..	.....	.....
40	...	40	40	40	40	40	40	40	40	40	21	19	40	....	....	....	....	..	..	.....	.....
44	...	44	44	44	44	44	44	44	44	44	27	17	44	....	....	....	....	..	..	.....	.....
50	...	50	50	50	50	50	50	50	50	50	25	25	50	....	....	....	....	..	..	.....	.....
....	...	44	44	44	44	44	44	44	....	44	25	19	44	....	....	....	....	..	..	.....	.....
....	...	42	42	42	42	42	42	42	....	42	24	18	42	....	....	....	....	..	..	.....	.....
....	...	43	43	43	43	43	43	43	....	43	27	16	43	....	....	....	....	..	..	.....	.....
....	...	35	35	35	35	35	35	35	....	35	....	....	35	....	....	....	....	..	..	.....	.....
....	...	44	44	44	44	44	44	44	....	44	....	....	44	....	....	....	....	..	..	.....	.....
....	...	42	42	42	42	42	23	23	....	42	....	....	42	....	....	....	....	..	..	.....	.....
....	...	44	44	44	44	44	.....	.....	....	44	....	....	44	....	....	....	....	..	..	.....	.....
....	...	42	42	42	42	42	.....	.....	....	42	....	....	42	....	....	....	....	..	..	.....	.....
...	...	51	51	51	51	.....	.....	.....	....	51	....	....	51	....	....	....	....	..	..	.....	.....
....	...	49	49	49	49	.....	.....	.....	....	49	....	....	49	....	....	....	....	..	..	.....	.....
....	...	38	38	38	38	.....	.....	.....	....	38	....	....	38	....	....	....	....	..	..	.....	.....
....	...	39	39	39	39	.....	.....	.....	....	39	....	....	39	....	....	....	....	..	..	.....	.....
....	...	44	44	44	44	.....	.....	.....	....	44	....	....	44	....	....	....	....	..	..	.....	.....
134	...	691	691	691	691	470	365	365	134	691	149	114	691	....	....	....	....	..	..	.....	.....
40	...	40	40	40	40	40	40	40	40	40	19	21	40	....	....	....	....	..	..	.....	.....
35	...	35	35	35	35	35	35	35	35	35	20	15	35	....	....	....	....	..	..	.....	.....
43	...	43	43	43	43	43	43	43	43	43	21	22	43	....	....	....	....	..	..	.....	.....
42	...	42	42	42	42	42	42	42	42	42	18	24	42	....	....	....	....	..	..	.....	.....
....	...	43	43	43	43	43	43	43	....	43	19	24	43	....	....	....	....	..	..	.....	.....
....	...	47	47	47	47	47	47	47	....	47	25	22	47	....	....	....	....	..	..	.....	.....
....	...	47	47	47	47	47	47	47	..	47	25	22	47	....	....	....	....	..	..	.....	.....
...	...	45	45	45	45	45	45	45	....	45	....	...	45	....	....	....	....	..	..	.....	.....
....	...	51	51	51	51	51	49	49	....	51	....	....	51	....	....	....	....	..	..	.....	.....
....	...	54	54	54	54	54	....	.....	....	54	....	....	54	....	....	....	....	..	..	.....	.....
....	...	43	43	43	43	43	.....	.....	....	43	....	....	43	....	....	....	....	..	..	.....	.....
....	...	48	48	48	48	31	.....	.....	....	48	....	....	48	....	....	....	....	..	..	.....	.....
....	...	40	40	40	40	....	.....	.....	....	40	....	....	40	....	....	....	....	..	..	.....	.....
....	...	47	47	47	47	.....	.....	.....	....	47	....	....	47	....	....	....	....	..	..	.....	.....
....	...	45	45	45	45	.....	.....	.....	....	45	....	....	45	....	....	....	....	..	..	.....	.....
....	...	38	38	38	38	.....	.....	.....	....	38	....	....	38	....	....	....	....	..	..	.....	.....
....	...	42	42	42	42	.....	.....	.....	....	42	....	....	42	....	....	....	....	..	..	.....	.....
160	...	750	750	750	750	521	391	391	160	750	147	150	750	....	....	....	....	..	..	.....	.....
44	...	44	44	44	44	44	44	44	44	44	20	24	44	....	....	....	....	..	..	.....	.....
45	...	45	45	45	45	45	45	45	45	45	24	21	45	....	....	....	....	..	..	.....	.....
25	...	46	46	46	46	46	46	46	25	46	27	19	46	....	....	....	....	..	..	.....	.....

GRADED CITY SCHOOLS.

SCHOOL.	TEACHER.	CERTIFICATE.	Annual Salary.	Days School was in Session.	No. of Pupils enrolled.	Boys.	Girls.	Average Daily Attendance.	First Primer.	Second Primer.	First Reader.	Second Reader.	Third Reader.
Vancouver.—*Continued.*			$										
Cecil Rhodes, 4th Div.	Miss C. Buchanan	Academic	1,250	166	40	22	18	35.10					40
" 5th "	Miss E. Faunt	1st Class	1,350	166	47	29	18	36 65					47
" 6th "	Miss A. M. Sinclair, M.A.	Academic	1,420	166	43	24	19	37.51				38	10
" 7th "	Miss A. Bodie, B.A.	"	1,150	166	48	26	22	36.71				48	
" 8th "	Miss M. Cattell	2nd Class	1,460	166	42	22	20	32.65		11	31		
" 9th "	Miss E. B. Murphy	1st "	1,350	166	44	12	32	31.95	30	14			
" 10th "	Miss F. M. Currie	2nd "	1,520	166	44	28	16	26.92	44				
					443	234	209	340.93	74	25	31	81	118
Lord Roberts, 1st Div.	A. Rines	1st "	2,740	166	39	21	18	31 53					
" 2nd "	P. L. McCreery, B.A.	Academic	1,600	166	36	17	19	30.96					
" 3rd "	Miss H. E. McNeeley	"	1,300	166	38	18	20	30.84					
" 4th "	Miss E. Evans	1st Class	1,420	166	41	16	25	36.65					
" 5th "	Miss A. L. Bigney	1st "	1,420	166	47	16	31	36.27					
" 6th "	Mrs. J. M. H. Harding	2nd "	1,360	166	42	17	25	37.36					
" 7th "	Miss E. D. Estabrooke,	Academic	1,360	166	47	26	21	34.90					47
" 8th "	Miss K. A. Dyke [B.A.	2nd Class	1,420	166	47	28	19	38.72					47
" 9th "	Miss E. J. Laird	1st "	1,420	166	40	23	17	36.79					40
" 10th "	Miss G. F. Jones	1st "	1,250	166	38	22	16	32.09					38
" 11th "	Miss I. I. Haviland	3rd "	1,050	166	38	25	13	32.84					38
" 12th "	Miss E. L. Burpee	1st "	1,420	166	43	19	24	34.21					43
" 13th "	Miss F. B. Chapin, B.A.	Academic	1,050	166	42	27	15	35.04					42
" 14th "	Miss C. M. Duffus	1st Class	1,000	166	31	15	16	25.75				31	
" 15th "	Miss E. McWhinney	2nd "	1,050	166	42	16	26	29.53				42	
" 16th "	Miss E. Gamble	2nd "	950	166	39	22	17	33.48				39	
" 17th "	Miss V. I. Macaulay, B.A.	Academic	1,000	166	41	25	16	32.26				41	
" 18th "	Miss A. M. Gilchrist	2nd Class	1,000	166	39	21	18	31.84			39		
" 19th "	Miss E. L. Stevens	1st "	1,360	166	42	24	18	31.60			42		
" 20th "	Miss C. Macdonald	2nd "	1,360	166	42	23	19	33.15		42			
" 21st "	Miss K. S. Johnston	1st "	1,000	166	42	31	11	29.90	22	20			
" 22nd "	Miss I. S. Christie	2nd "	1,000	166	45	22	23	34.52	45				
" 23rd "	Miss L. M. Thompson	1st "	1,200	166	49	14	35	23.62	49				
" 24th "	Miss K. E. Watson	2nd "	1,360	166	39	25	14	26.85	39				
" 25th "	Miss M. E. Love	3rd "	1,000	98	39	18	21	34.62				39	
					1028	531	497	815.32	155	62	81	192	295
Laura Secord, 1st Div.	W. G. Ramage, B.A.	Academic	2,260	166	35	15	20	31.16					
" 2nd "	Miss M. L. Johnston	2nd Class	1,540	166	42	21	21	33.21					
" 3rd "	Miss A. V. Hall	Academic	1,000	166	40	22	18	35.06					40
" 4th "	Miss J. B. Simpson	2nd Class	1,000	166	32	19	13	30.52					32
" 5th "	Miss V. M. Domoney	2nd "	1,000	166	41	18	23	34.44				1	40
" 6th "	Mrs. S. Bermingham, B.A.	Academic	1,250	166	46	25	21	36.92				46	
" 7th "	Miss M. E. Story	1st Class	1,250	166	47	26	21	37.88		47			
" 8th "	Miss E. Roy	2nd "	1,050	166	36	22	14	35 88	36				
" 9th "	Miss M. McKinnon	2nd "	1,420	166	46	24	22	34.78	46				
" 10th "	Miss I. L. Bennett	2nd "	950	146	39	21	18	30.85			22	17	
					404	213	191	340.70	82	47	22	64	112
Seymour, 1st Division.	R. S. Sherman	1st Class	2,860	166	35	18	17	30.67					
" 2nd "	W. H. Brown	2nd "	1,540	166	57	25	32	46.81					
" 3rd "	Miss J. E. Williams	2nd "	1,200	166	44	19	25	37.88					44
" 4th "	A. M. Stephen	Temporary	1,540	166	48	30	18	40.05					48
" 5th "	Miss H. C. Harold	3rd Class	1,000	166	51	22	29	38.21					51
" 6th "	Miss R. M. Menzies	2nd "	1,050	166	47	23	24	36.82					47
" 7th "	Miss E. C. McDonald	2nd "	1,360	166	46	24	22	37.18				46	
" 8th "	Miss M. A. Dorman	2nd "	1,050	166	52	21	31	41.07				52	
" 9th "	Miss M. C. Astle	2nd "	1,360	166	42	23	19	37.41			40	2	
" 10th "	Miss I. C. Calbick	1st "	1,000	166	47	24	23	38.79		2	24	21	
" 11th "	Miss F. M. Kent	3rd "	1,050	166	46	23	23	39.59		46			
" 12th "	Miss M. E. Salter	2nd "	1,360	166	44	28	16	36.06	44				
" 13th "	Miss M. Elliott	2nd "	1,360	166	53	31	22	38.62	53				
" 14th "	Mrs. A. G. Shine	2nd "	1,420	166	44	19	25	31.29	44				
" 15th "	Miss J. McWilliams	2nd "	950	98	36	10	26	31.40					36
" 16th "	Miss V. A. Chasteney	2nd "	950	98	36	15	21	31.05	15	21			
					728	355	373	592.90	156	69	64	121	226
Strathcona, 1st Div.	J. E. Brown, B.A.	Academic	2,416	166	38	19	19	32.50					
" 2nd "	Miss Bessie Johnston	1st Class	1,900	166	38	20	18	32.58					
" 3rd "	Mrs. M. C. Johnston	2nd "	1,250	166	36	20	16	28.29					

SCHOOL-YEAR ENDING JUNE 30TH, 1919—*Continued.*

| NUMBER OF PUPILS IN EACH READER AND IN EACH SUBJECT OF STUDY. | | |

GRADED CITY SCHOOLS.

SCHOOL.	TEACHER.	CERTIFICATE.	Annual Salary.	Days School was in Session.	No. of Pupils enrolled.	Boys.	Girls.	Average Daily Attendance.	First Primer.	Second Primer.	First Reader.	Second Reader.	Third Reader.
Vancouver.—*Continued.*			$										
Strathcona, 4th Div.	Miss A. A. McCallum	2nd Class	1,050	165	50	26	24	43.04	....	....	....	....	50
" 5th "	Miss A. M. Townsend	2nd "	1,000	166	41	23	18	36.73	....	....	....	....	41
" 6th "	Miss K. Cairns	2nd "	1,420	166	43	21	22	37.83	....	....	....	....	43
" 7th "	Miss R. L. Greggs, B.A.	Academic	1,100	166	44	20	24	38.65	....	....	....	....	44
" 8th "	Miss M. Cairns	2nd Class	1,200	166	43	20	23	37.47	....	....	....	43	....
" 9th "	Miss J. L. McTavish	3rd "	1,050	166	44	18	26	36.26	....	....	....	44	....
" 10th "	Miss M. C. Noble	2nd "	1,000	166	54	28	26	39.91	....	....	....	54	....
" 11th "	Miss B. Sanders	2nd "	1,050	166	45	21	24	40.75	....	....	45	....	....
" 12th "	Miss G. Bolton, B.A.	Academic	1,200	166	45	28	17	36.84	....	....	45	....	....
" 13th "	Miss E. L. Berry	2nd Class	1,000	166	47	31	16	34.92	....	47	....	....	....
" 14th "	Miss L. A. Ross	2nd "	1,360	166	51	27	24	38.84	35	16	....	....	....
" 15th "	Miss M. Truswell	1st "	1,360	166	45	23	22	35.88	45	....	....	....	....
" 16th "	Mrs. H. C. Fairey	1st "	1,250	166	41	20	21	37.71	41	....	....	....	....
" 17th "	H. F. Swan	1st "	1,250	166	38	20	18	29.29	....	....	....	....	38
" 18th "	Miss Edna Clark	2nd "	1,200	151	16	9	7	11.95	....	....	2	7	7
" 19th "	Miss M. Capon	1st "	950	98	49	29	20	38.94	49	....	....	....	....
" 20th "	Miss M. A. Amos	2nd "	1,300	90	14	7	7	12.48	11	1	2	....	....
					822	430	392	680.86	181	64	94	148	223
Lord Tennyson, 1st Div.	R. Straight	1st "	2,896	166	38	16	22	30.68	....	....	....	....	....
" 2nd "	W. F. Houston	2nd "	1,780	166	38	15	23	31.50	....	....	....	....	....
" 3rd "	Miss A. J. G. Purdie, B.A.	Academic	1,300	166	41	19	22	31.41	....	....	....	....	....
" 4th "	Miss A. M. Stivon	2nd Class	1,100	166	46	17	29	33.11	....	....	27	19	....
" 5th "	Miss S. J. Davies	2nd "	1,250	166	47	22	25	33.59	....	....	....	....	13
" 6th "	Miss L. Brunton	2nd "	1,420	166	44	23	21	33.96	....	....	....	....	44
" 7th "	Miss K. M. Peck, B.A.	Academic	1,000	166	45	28	17	38.14	....	....	....	....	45
" 8th "	Miss M. Whitworth	2nd Class	1,050	166	47	18	29	42.37	....	....	....	....	47
" 9th "	Miss E. J. Blair	1st "	1,420	166	43	23	20	36.94	....	....	....	....	43
" 10th "	Miss W. M. Tucker	2nd "	1,050	166	45	21	24	37.06	....	....	....	45	....
" 11th "	Miss J. E. Tucker	1st "	1,300	166	41	19	22	36.67	....	....	....	41	....
" 12th "	Miss E. A. Carter	1st "	1,050	166	45	30	15	35.78	....	30	15	....	....
" 13th "	Miss B. E. Trembath	1st "	1,150	166	43	26	17	34.44	43	....	....	....	....
" 14th "	Miss A. T. Reid	2nd "	1,360	166	35	19	16	26.86	35	....	....	....	....
" 15th "	Miss M. B. Johnston	2nd "	1,360	166	37	18	19	26.58	37	....	....	....	....
					635	314	321	509 09	115	30	42	105	192
School for the Blind	Mrs. T. Burke	Special	920	176	7	3	4	5.96	....	(Br	aille	Rea	ders
School for the Deaf, 1st Div.	F. W. Hobson	"	2,020	166	7	....	6	6.15	....	....	....	6	....
" 2nd "	S. H. Lawrence	"	1,750	166	6	6	....	4.27	....	....	....	....	....
" 3rd "	Miss E. Rusch	"	1,250	166	9	1	8	4.60	....	....	....	....	....
" 4th "	Mrs. A. Minahan	Temporary	1,360	166	7	4	3	4 65	....	....	....	....	....
" 5th "	Mrs. U. B. Kent	"	1,150	166	11	7	5	7.79	....	....	....	....	....
					40	18	22	27.46	....	....	....	6	....
Manual Training Instructors.	S. Northrop	Man. Train.	2,440	..	....	....	....	....	....	....	....	....	....
	J. G. Lister	"	2,740	....	....	....	....	....	....	....	....	....	....
	H. A. Jones	"	2,020	....	....	....	....	....	....	....	....	....	....
	E. W. Parker	"	2,140	....	....	....	....	....	....	....	....	....	....
	W. A. Hill	"	2,140	....	....	....	....	....	....	....	....	....	....
	F. Fairey	"	2,140	....	....	....	....	....	....	....	....	....	....
	A. J. Michelmore	"	1,720	....	....	....	....	....	....	....	....	....	....
	J. W. McAdam	"	2,020	....	....	....	....	....	....	....	....	....	....
	W. A. McKeown	"	2,020	....	....	....	....	....	....	....	....	....	....
	F. W. Templer	"	2,020	....	....	....	....	....	....	....	....	....	....
	A. P. Tingley	"	2,020	....	....	....	....	....	....	....	....	....	....
	A. Williams	"	1,900	....	....	....	....	....	....	....	....	....	....
	W. Wilson	"	1,420	....	....	....	....	....	....	....	....	....	....
	T. Chippendale	"	2,020	....	....	....	....	....	....	....	....	....	....
	N. Y. Cross	"	1,660	....	....	....	....	....	....	....	....	....	....
	A. Campbell	"	1,420	....	....	....	....	....	....	....	....	....	....
	F. J. Harris	"	1,540	....	....	....	....	....	....	....	....	....	....
	N. H. Gardner	"	2,020	....	....	....	....	....	....	....	....	....	....
	C. A. Cameron	"	1,420	....	....	....	....	....	....	....	....	....	....
	D. P. McCallum	"	2,020	....	....	....	....	....	....	....	....	....	....
	Miss E. Berry	Dom. Science	2,100	....	....	....	....	....	....	....	....	....	....
	Mrs. I. Abel	"	1,420	....	....	....	....	....	....	....	....	....	....
	Mrs. Brownell	"	1,540	....	....	....	....	....	....	....	....	....	....
	Miss E. B. Rhoades	"	1,540	....	....	....	....	....	....	....	....	....	....
	Miss F. L. Fullerton	"	1,360	....	....	....	....	....	....	....	....	....	....

SCHOOL-YEAR ENDING JUNE 30TH, 1919—*Continued.*

NUMBER OF PUPILS IN EACH READER AND IN EACH SUBJECT OF STUDY.																										
Fourth Reader.	Fifth Reader.	Writing, Dictation and Spelling, and Composition.	Arithmetic.	Nature Lessons and Hygiene.	Drawing.	Geography.	Canadian History and British History.	English Grammar.	English Literature.	Physical Exercises.	Manual Training.	Domestic Science (Needlework, etc.).	Music.	Algebra.	Geometry.	Latin.	French.	Physical Science.	Botany.	Amount paid by Government on account of Teachers' Salaries, etc.	Amount paid by District in addition to Expenditure by Government.
....	...	50	50	50	50	50	50	50	....	50	26	24	50	....	...	...	...	..	..	$ cts.	$ cts.
....	...	41	41	41	41	41	41	41	....	41	23	18	41	....	...	...	...	..	..	.....	.....
....	...	43	43	43	43	43	43	43	....	43	....	....	43	....	...	...	...	..	..	.....	.....
....	...	44	44	44	44	44	44	44	....	44	....	....	44	....	...	...	...	..	..	.....	.....
...	...	43	43	43	43	43	.....	.....	....	43	....	....	43	....	...	...	...	..	..	.....	.....
....	...	44	44	44	44	44	.....	.....	....	44	....	....	44	....	...	...	...	..	..	.....	.....
....	...	54	54	54	54	54	.....	.....	....	54	....	....	54	....	...	...	...	..	..	.....	.....
....	...	45	45	45	45	.....	.....	....	....	45	...	...	45	....	...	...	...	..	..	.....	.....
....	...	45	45	45	45	.....	.....	.....	....	45	....	....	45	....	...	...	...	..	..	.....	.....
....	...	47	47	47	47	.....	.....	.....	....	47	....	....	47	....	...	...	...	..	..	.....	.....
....	...	51	51	51	51	.....	.....	.....	....	51	....	....	51	...	...	...	...	..	..	.....	.....
....	...	45	45	45	45	.....	.....	.....	....	45	....	....	45	....	...	...	...	..	..	.....	.....
....	...	41	41	41	41	.....	.....	.....	....	41	....	....	41	....	...	...	...	..	..	.....	.....
....	...	38	38	38	38	38	38	38	....	38	....	....	38	....	...	...	...	..	..	.....	.....
...	...	16	16	16	16	14	7	7	....	16	9	7	16	....	...	...	...	..	..	.....	.....
....	...	49	49	49	49	.....	.....	.....	....	49	....	....	49	....	...	...	...	..	..	.....	.....
....	...	14	14	14	14	.....	.....	.....	....	14	....	....	14	....	...	...	...	..	..	.....	.....
12	...	822	822	822	822	483	335	335	112	822	117	102	822	....	...	...	...	..	..	.....	.....
38	...	38	38	38	38	38	38	38	38	38	16	22	38	....	...	...	...	..	..	.....	.....
38	...	38	38	38	38	38	38	38	38	38	15	23	38	....	...	...	...	..	..	.....	.....
41	...	41	41	41	41	41	41	41	41	41	19	22	41	....	...	...	...	..	..	.....	.....
...	...	46	46	46	46	19	.....	.....	....	46	...	...	46	....	...	...	...	..	..	.....	.....
34	...	47	47	47	47	47	47	47	34	47	22	25	47	....	...	...	...	..	..	.....	.....
....	...	44	44	44	44	44	44	44	....	44	23	21	44	....	...	...	...	..	..	.....	.....
....	...	45	45	45	45	45	45	45	...	45	28	17	45	....	...	...	...	..	..	.....	.....
....	...	47	47	47	47	47	47	...	....	47	....	....	47	....	...	...	...	..	..	.....	.....
....	...	43	43	43	43	43	43	43	....	43	....	....	43	....	...	...	...	..	..	.....	.....
....	...	45	45	45	45	45	.....	.....	...	45	...	....	45	....	...	...	...	..	..	.....	.....
....	...	41	41	41	41	41	.....	.....	...	41	....	....	41	....	...	...	...	..	..	.....	.....
....	...	45	45	45	45	.....	.....	.....	...	45	....	....	45	....	...	...	...	..	..	.....	.....
....	...	43	43	43	43	.....	.....	.....	....	43	....	....	43	....	...	...	...	..	..	.....	.....
....	...	35	35	35	35	.....	.....	.....	....	35	....	....	35	....	...	...	...	..	..	.....	.....
....	...	37	37	37	37	.....	.....	.....	....	37	....	....	37	....	...	...	...	..	..	.....	.....
151	...	635	635	635	635	448	343	343	151	635	123	130	635	....	...	...	...	..	..	.....	.....
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....	...	6	6	6	6	6	.....	.....	....	6	...	6	.....	....	...	...	...	..	..	.....	.....
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GRADED CITY SCHOOLS.

SCHOOL.	TEACHER.	CERTIFICATE.	Annual Salary.	Days School was in Session.	No. of Pupils enrolled.	Boys.	Girls.	Average Daily Attendance.	First Primer.	Second Primer.	First Reader.	Second Reader.	Third Reader.
Vancouver.—*Concluded.*			$										
Domestic Science Instructors.	Mrs. T. G. Thompson		1,000										
	Miss A. E. McEwen		1,420										
	Miss F. E. McEwen		1,360										
	Miss F. Oliver		1,250										
	Miss M. Rath		1,420										
	Miss A. L. Staples		1,000										
	Mrs. K. P. Elliott		950										
Supervisor of Music	G. P. Hicks		2,100										
Supervisor of Physical Drill	A. C. Bundy		2,160										
Supervisor of Primary Classes	Miss E. J. Trembath		1,900										
Municipal Inspector of Schools	J. S. Gordon		4,000										
Assistant Municipal Inspector of Schools	T. A. Brough		3,096										
Vancouver, North:													
Londsdale, 1st Division	D. P. Clark	1st Class	2,400	155	22	14	8	19.19					
" 2nd "	Miss H. Rae	1st "	900	155	31	14	17	26.85					
" 3rd "	Miss E. J. McCullough	1st "	1,140	155	44	25	19	40.16					44
" 4th "	Miss M. C. Green	2nd "	900	155	46	24	22	37.10					46
" 5th "	Miss O. B. Burgess	3rd "	1,080	155	46	19	27	37.62				46	
" 6th "	Miss M. A. Walsh	3rd "	840	155	44	22	22	35.24		13	31		
" 7th "	Miss G. E. Hart	1st "	1,200	155	40	23	23	38.37	27	19			
" 8th "	Miss A. Harrison	3rd "	1,080	155	42	19	23	32.75	42				
					321	160	161	267.28	69	32	31	46	90
Queen Mary, 1st Div.	J. M. Ewing	1st "	2,040	142	36	16	20	30.12					
" 2nd "	T. E. Levy	3rd "	1,200	142	45	24	21	35.00					
" 3rd "	Miss C. J. Stevenson	3rd "	900	147	41	18	23	32.45					41
" 4th "	Miss G. E. A. Nutt	2nd "	1,020	147	41	19	22	35.02					41
" 5th "	Miss M. R. Greenway	3rd "	900	147	46	18	28	24.60				18	28
" 6th "	Miss G. C. McRae	2nd "	900	147	38	22	16	34.03				38	
" 7th "	Miss D. S. Drescher	2nd "	900	147	37	22	15	34.72		18	19		
" 8th "	Miss G. M. Dinwoodie	2nd "	840	147	38	19	19	29.21	9	29			
" 9th "	Miss E. M. MacAdam	3rd "	1,260	144	38	20	18	31.71	38				
" 10th "	Miss M. A. Johnstone	1st "	840	73½	35	16	19	26.73	35				
					395	194	201	323.59	82	47	19	56	110
Ridgeway, 1st Division.	J. B. Bennett	1st "	2,400	150	36	14	22	32.08					
" 2nd "	Miss C. Black	2nd "	1,140	155	45	21	24	35.06					
" 3rd "	Miss L. I. Bull	2nd "	1,020	155	41	22	19	34.94					41
" 4th "	Miss V. S. Fraser	3rd "	1,200	155	41	17	24	34.83					41
" 5th "	Miss M. Hutchison	2nd "	840	155	34	19	15	29.46					34
" 6th "	Miss G. Cunliffe	1st "	840	155	37	19	18	30.54				37	
" 7th "	Miss H. S. McColl	2nd "	840	155	27	14	13	26.16				27	
" 8th "	Miss M. A. Gaunt	3rd "	840	155	35	18	17	26.21	35				
" 9th "	Miss G. H. Patrick	2nd "	1,260	155	41	19	22	33.63	41				
" 10th "	Miss M. E. Edwards	1st "	840	82	44	18	26	36.67		17	27		
Manual Training Inst.	A. Wooldridge		1,920										
	H. Vinall		1,560										
Domestic Science Inst.	Mrs. A. Ward		780										
					381	181	200	319.58	76	17	27	64	116
Vernon, 1st Division	C. Fulton, B.A.	Academic	1,680	167	32	16	16	30.57					
" 2nd "	Miss E. de Bou	2nd Class	1,080	166	29	13	16	23.02					
" 3rd "	W. C. Wilson, B.A	Academic	1,080	166	37	18	19	30.85					
" 4th "	Miss E. I. Pentland	1st Class	1,080	166	38	22	16	29.78					
" 5th "	W. L. Seaton	2nd "	840	166	39	23	16	34.71					39
" 6th "	Miss B. P. Seaton	2nd "	1,020	166	37	24	13	34.83					37
" 7th "	Miss M. E. Bigland	1st "	960	166	38	18	20	32.85					38
" 8th "	Miss J. C. Bell	Temporary	900	166	42	20	22	30.84					42
" 9th "	Miss L. Hayes	3rd Class	900	166	46	25	21	32.19				46	
" 10th "	Miss A. J. Perry	2nd "	900	166	44	18	26	35.84				44	
" 11th "	Miss M. A. Ramsay	3rd "	960	166	40	26	14	32.35			40		
" 12th "	Miss W. A. Highman	2nd "	900	166	44	25	19	32.86			44		
" 13th "	Miss E. S. Scales	2nd "	1,020	166	55	30	25	36.61	55				
" 14th "	Miss M. Bancroft	1st "	900	166	57	24	33	35.12	57				
" 15th "	Miss R. P. McCaul	2nd "	900	118	32	17	15	30.11			19	13	
Manual Training Inst.	C. White		1,800										
Domestic Science Inst.	Miss G. E. Dutcher		1,200										
					610	319	291	482.53	112		103	103	156

SCHOOL-YEAR ENDING JUNE 30TH, 1919—*Continued.*

NUMBER OF PUPILS IN EACH READER AND IN EACH SUBJECT OF STUDY.																								
Fourth Reader.	Fifth Reader.	Writing, Dictation and Spelling, and Composition.	Arithmetic.	Nature Lessons and Hygiene.	Drawing.	Geography.	Canadian History and British History.	English Grammar.	English Literature.	Physical Exercises.	Manual Training.	Domestic Science (Needlework, etc.).	Music.	Algebra.	Geometry.	Latin.	French.	Physical Science.	Botany.	Amount paid by Government on account of Teachers' Salaries, etc.	Amount paid by District in addition to Expenditure by Government.
																				$ cts.	$ cts.
22		22	22	22	22	22	22	22	22	22	14	8								17,810 00	44,560 22
31		31	31	31	31	31	31	31	31	31	14	17									
		44	44	44	44	44	44	44		44	25	19	44								
		46	46	46	46	46	46	46		46	23	19	46								
		46	46	46	46	46				46											
		44	44	44	44					44			44								
		46	46	46	46					46			46								
		42	42	42	42					42			42								
53		321	321	321	321	189	143	143	53	321	76	63	222								
36		36	36	36	36	36	36	36	36	36	16	20									
45		45	45	45	45	45	45	45	45	45	24	21									
		41	41	41	41	41	41	41		41	18	23	41								
		41	41	41	41	41	41	41		41	19	22	41								
		46	46	46	46	46	28	28		46	13	15									
		38	38	38	38	38				38											
		37	37	37	37					37			37								
		38	38	38	38					28											
		38	38	38	38					38											
		35	35	35	35					35			35								
81		395	395	395	395	247	191	191	81	395	90	101	154								
36		36	36	36	36	36	36	36	36	36	14	22									
45		45	45	45	45	45	45	45	45	45	21	24	45								
		41	41	41	41	41	41	41		41	22	19	41								
		41	41	41	41	41	41	41		41	17	24	41								
		34	34	34	34	34	34	34		34	16	15									
		37	37	37	37	37				37	19	18	37								
		27	27	27	27	27				27	14	13	27								
		35	35	35	35					35			35								
		41	41	41	41					41			41								
		44	44	44	44					44			44								
81		381	381	381	381	261	197	197	81	381	123	135	311								
32		32	32	32	32	32	32	32	32	32	16	16								9,750 00	23,629 74
29		29	29	29	29	29	29	29	29	29	13	16									
37		37	37	37	37	37	37	37	37	37	18	19									
38		38	38	38	38	38	38	38	38	38	22	16									
		39	39	39	39	39	39	39		39	23	16									
		37	37	37	37	37	37	37		37	24	13									
		38	38	38	38	38	38	38		38	18	20	38								
		42	42	42	42	42	42	42		42	20	22	42								
		46	46	46	46	46				46											
		44	44	44	44	44				44			44								
		40	40	40	40					40											
		44	44	44	44					44											
		55	55	55	55					55			55								
		57	57	57	57					57											
		32	32	32	32	13				32											
136		610	610	610	610	395	292	292	136	610	154	138	179								

GRADED CITY SCHOOLS.

SCHOOL.	TEACHER.	CERTIFICATE.	Annual Salary.	Days School was in Session.	No. of Pupils enrolled.	Boys.	Girls.	Average Daily Attendance.	First Primer.	Second Primer.	First Reader.	Second Reader.	Third Reader.
Victoria:			$										
Bank Street, 1st Div...	Miss A. M. Paterson	2nd Class....	1,552	131½	35	21	14	31.55	...	....	....	35	....
" 2nd " ..	Miss M. E. Blankenbach.	2nd "	1,116	131½	39	23	16	33.29	....	....	13	26	....
" 3rd " ..	Miss M. Greig.....	2nd "	1,116	131½	44	26	18	38.50	11	9	24	....	...
" 4th " ..	Miss E. W. MacMurray..	1st "	1,182	132½	52	34	18	42.61	52	....	....	....	....
					170	104	66	145.95	63	9	37	61	....
Beacon Hill, 1st Div...	Miss M. E. Moir.....	2nd "	1,056	132½	35	21	14	32.12	....	....	....	35	....
" 2nd " ..	Mrs. K. E. Ford.....	2nd "	1,056	132½	36	17	19	26.42	....	....	36	....	....
" 3rd " ..	Miss L. V. Hardie.....	3rd "	1,222	132½	43	24	19	32.20	....	43	....	....	....
" 4th " ..	Miss A. Russell	1st "	1,452	132½	43	20	23	28.29	43	....	....	....	....
					157	82	75	119.03	43	43	36	35	....
Boys' Central, 1st Div.	J. A. Cunningham	1st "	2,310	145	25	25	.....	21.13	..	...	....	...	....
" 2nd "	Miss N. M. McKillican...	Academic....	1,254	145	22	22	.....	18.63	....	....	....	...	....
" 3rd "	H. W. Creelman	3rd Class....	1,320	145	30	30	.....	26.37	....	....	....	...	....
" 4th "	Miss E. B. LeClercq.....	1st "	1,188	145	31	31	.....	22.65	....	....	....	...	....
" 5th "	Mrs. L. B. MacKenzie...	3rd "	1,188	145	38	38	.....	31.24	....	....	....	...	....
" 6th "	Miss D. E. Durick	3rd "	858	145	34	34	.....	28.80	..	....	....	....	34
" 7th "	Miss B. J. Hinds.....	1st "	1,122	145	47	47	.....	34.02	....	....	....	....	47
" 8th "	Miss S. N. King.....	2nd "	858	145	43	43	....	31.21	....	....	....	8	35
" 9th "	Miss L. M. Sylvester	2nd "	1,056	130½	37	37	.....	32.56	....	....	....	37	....
" 10th "	Miss E. B. Nicholson....	2nd "	720	130½	43	43	.....	31.55	....	....	43	....	....
" 11th "	Miss L. Johnson	2nd "	1,056	130½	37	37	.....	31.55	11	26	...	....	....
" 12th "	Miss M. Gibson	3rd "	1,188	130½	52	52	....	40.17	48	4	...	....	....
					439	439	.....	349.88	59	30	43	45	116
Burnside, 1st Division.	E. Butterworth.....	1st "	1,650	147	27	17	10	21.76	....	....	...	....	....
" 2nd "	Miss J. Polson	1st "	1,254	147	34	14	20	29.78	....	....	....	....	34
" 3rd "	Miss M. F. Stewart.....	1st "	924	147	42	19	23	35.97	....	....	....	....	42
" 4th "	Miss L. O. Townsend....	2nd "	924	132½	46	23	23	30.63	....	....	10	36	....
" 5th "	Miss E. E. Finland.....	2nd "	720	132½	45	25	20	37.31	12	23	10	....	...
" 6th "	Miss I. H. McIntosh.....	3rd "	990	132½	48	26	22	37.20	48	...	....	....	...
					242	124	118	192.65	60	23	20	36	76
Cook Street.....	Miss M. W. Hanna.....	2nd "	990	131	33	20	13	28.61	10	9	7	7	....
Sir Jas. Douglas, 1st D.	E. Campbell.....	2nd "	2,310	145	44	11	33	36.06	....	...	....	....	....
" 2nd "	R. E. Collis, B.A.....	Academic....	1,386	147½	39	16	23	30.35	....	....	....	....	....
" 3rd "	E. L. Yeo, B.A.....	" ...	1,122	145	37	18	19	29.88	....	....	....	....	...
" 4th "	Miss V. Watson.....	1st Class....	858	145½	46	24	22	37.66	....	....	....	....	46
" 5th "	Miss B. T. Ramsay.....	2nd "	1,122	145½	39	22	17	31.80	....	....	....	....	39
" 6th "	Miss S. F. Hiscocks	2nd "	1,188	145½	48	19	29	37.34	...	....	....	....	48
" 7th "	Miss A. E. Andrews.....	2nd "	1,056	130½	53	29	24	34.04	....	....	....	53	....
" 8th "	Miss M. H. Sanson	2nd "	858	130½	46	24	22	37.06	....	....	16	30	....
" 9th "	Miss H. A. T. Eagel.....	2nd "	792	130½	31	19	12	25.86	....	...	31	....	....
" 10th "	Miss W. Greig	2nd "	1,056	130½	42	27	15	35.85	40	2	....	....	....
" 11th "	Miss R. George	2nd "	1,122	130½	50	32	18	42.13	49	1	....	....	...
" 12th "	Miss M. Bell	2nd "	720	100	33	19	14	27.39	....	33	....	....	....
					508	260	248	405.42	89	36	47	83	133
Fernwood, 1st Division.	Miss C. German.....	2nd "	1,122	130½	29	14	15	25.34	....	....	6	23	....
" 2nd "	Miss L. M. Stiff	1st "	1,122	130½	45	28	17	34.75	30	15	..	....	...
					74	42	32	60.09	30	15	6	23	....
Girls' Central, 1st Div.	Miss M. Williams.....	1st "	1,914	145½	33	.....	33	28.32	....	....	....	....	....
" 2nd "	Miss E. A. F. Barron....	1st "	1,386	145	36	.....	36	30.44	....	....	....	....	....
" 3rd "	Miss A. Keast.....	1st "	1,353	145	35	.....	35	25.84	....	....	....	....	....
" 4th "	Miss S. A. Robinson. ...	1st "	1,353	145	34	....	34	26.20	...	....	....	....	....
" 5th "	Miss W. M. Fox.....	1st "	1,188	145	31	.....	31	25.34	....	....	....	....	31
" 6th "	Miss E. MacNaughton...	3rd "	1,188	145	33	.....	33	27.16	...	....	....	....	33
" 7th "	Miss M. I. Gladstone ...	2nd "	1,188	145	37	.....	37	31.23	....	....	....	....	37
" 8th "	Miss M. S. Croft	2nd "	1,188	145	40	.....	40	32.11	...	....	....	....	40
" 9th "	Miss E. M. Mason	1st "	1,056	145	36	.....	36	30.70	....	....	....	....	36
" 10th "	Miss D. W. Sherwood ...	3rd "	858	130½	50	....	50	37.62	....	....	....	50	....
" 11th "	Miss E. L. Harris	1st "	858	130½	47	....	47	34.64	...	....	47	....	....
" 12th "	Miss F. A. Brown	1st "	1,122	130½	45	.....	45	34 94	1	44	....	....	....
" 13th "	Miss A. L. Johnston....	2nd "	1,188	130½	57	.....	57	37.92	57	....	....	....	....
					514	....	514	402.46	58	44	47	50	177

SCHOOL-YEAR ENDING JUNE 30TH, 1919—*Continued.*

NUMBER OF PUPILS IN EACH READER AND IN EACH SUBJECT OF STUDY.																						Amount paid by Government on account of Teachers' Salaries, etc.	Amount paid by District in addition to Expenditure by Government.
Fourth Reader.	Fifth Reader.	Writing, Dictation and Spelling, and Composition.	Arithmetic.	Nature Lessons and Hygiene.	Drawing.	Geography.	Canadian History and British History.	English Grammar.	English Literature.	Physical Exercises.	Manual Training.	Domestic Science (Needlework, etc.).	Music.	Algebra.	Geometry.	Latin.	French.	Physical Science.	Botany.				
																						$ cts	$ cts.
....	...	35	35	35	35	35	.....	.....	....	35	....	14	35	....	...	...	...	..	..			79,081 60	230,783 42
....	...	39	39	39	39	26	.....	.....	....	39	....	16	39	....	...	...	...	..	..			.....	.....
....	...	44	44	44	44	.....	.....	.....	....	44	....	....	44	....	...	...	...	..	..			.....	.....
....	...	52	52	52	52	.....	.....	.....	....	52	....	....	52	....	...	...	...	..	..			.....	.....
....	...	170	170	170	170	61	.....	.....	....	170	....	30	170	....	...	...	...	..	..			.....	.....
....	...	35	35	35	35	35	.....	....	....	35	....	35	35	....	...	...	...	..	..			.....	.....
....	..	36	36	36	36	.....	.....	.....	....	36	..	....	36	....	...	...	...	..	..			.....	.....
....	..	43	43	43	43	...	.....	.....	....	43	....	....	43	....	...	...	...	..	..			.....	.....
....	..	43	43	43	43	.....	.....	.....	....	43	....	....	43	....	...	...	...	..	..			.....	.....
....	...	157	157	157	157	35	.....	.....	....	157	....	35	157	....	...	...	...	..	..			.....	.....
25	...	25	25	25	25	25	25	25	25	25	25	....	25	....	...	...	...	..	..			.....	.....
22	...	22	22	22	22	22	22	22	22	22	22	....	22	....	...	...	...	..	..			.....	.....
30	...	30	30	30	30	30	30	30	30	30	30	....	30	....	...	...	...	..	..			.....	.....
31	...	31	31	31	31	31	31	31	31	31	31	....	31	....	...	...	...	..	..			.....	.....
....	...	38	38	38	38	38	38	38	....	38	38	....	38	....	...	...	...	..	..			.....	.....
....	...	34	34	34	34	34	34	34	....	34	34	....	34	....	...	...	...	..	..			.....	.....
....	...	47	47	47	47	47	47	47	....	47	47	....	47	....	...	...	...	..	..			.....	.....
....	...	43	43	43	43	43	35	35	....	43	....	....	43	....	...	...	...	..	..			.....	.....
...	..	37	37	37	37	37	.....	....	...	37	....	....	37	....	...	...	...	..	..			.....	.....
....	..	43	43	43	43	.....	.....	.....	....	43	....	....	43	....	...	...	...	..	..			.....	.....
....	..	37	37	37	37	.....	.....	.....	....	37	....	....	37	....	...	...	...	..	..			.....	.....
....	...	52	52	52	52	.....	.....	.....	....	52	....	....	52	....	...	...	...	..	..			.....	.....
108	...	439	439	439	439	307	262	262	108	439	227	...	439	....	...	...	...	..	..			.....	.....
27	...	27	27	27	27	27	27	27	27	27	17	10	27	....	...	...	...	..	..			.....	.....
....	...	34	34	34	34	34	34	34	.....	34	....	20	34	....	...	...	...	..	..			.....	.....
....	...	42	42	42	42	42	42	42	....	42	....	....	.....	....	...	...	...	..	..			.....	.....
....	...	46	46	46	46	36	.....	.....	....	46	....	23	46	....	...	...	...	..	..			.....	.....
....	...	45	45	45	45	.....	.....	.....	....	45	....	....	.....	....	...	...	...	..	..			.....	.....
....	...	48	48	48	48	.....	.....	.....	....	48	....	....	48	....	...	...	...	..	..			.....	.....
27	...	242	242	242	242	139	103	103	27	242	17	53	155	....	...	...	...	..	..			.....	.....
....	..	33	33	33	33	7	.....	.....	....	33	...	13	33	..	...	...	...	..	..			.....	.....
44	...	44	44	44	44	44	44	44	44	44	11	33	44	....	...	...	...	..	..			.....	.....
39	...	39	39	39	39	39	39	39	39	39	16	23	39	....	...	...	...	..	..			.....	.....
37	...	37	37	37	37	37	37	37	37	37	18	19	37	....	...	...	...	..	..			.....	.....
....	...	46	46	46	46	46	46	46	....	46	24	22	46	....	...	...	...	..	..			.....	.....
....	...	39	39	39	39	39	39	39	....	39	....	17	39	....	...	...	...	..	..			.....	.....
....	...	48	48	48	48	48	48	48	....	48	....	29	48	....	...	...	...	..	..			.....	.....
....	...	53	53	53	53	53	.....	.....	...	53	....	24	53	....	...	...	...	..	..			.....	.....
....	...	46	46	46	46	30	.....	.....	...	46	....	22	46	....	...	...	...	..	..			.....	.....
....	...	31	31	31	31	....	....	....	....	31	....	12	31	....	...	...	...	..	..			.....	.....
....	...	42	42	42	42	....	.....	.....	....	42	....	....	42	....	...	...	...	..	..			.....	.....
....	...	50	50	50	50	.....	.....	.....	....	50	....	....	50	....	...	...	...	..	..			.....	.....
....	...	33	33	33	33	.....	.....	.....	....	33	....	....	33	....	...	...	...	..	..			.....	.....
120	...	508	508	508	508	336	253	253	120	508	69	201	508	....	...	...	...	..	..			.....	.....
....	...	29	29	29	29	23	.....	.....	....	29	....	29	29	....	...	...	...	..	..			.....	.....
....	...	45	45	45	45	.....	.....	.....	...	45	....	....	45	....	...	...	...	..	..			.....	.....
....	...	74	74	74	74	23	.....	.....	....	74	....	29	74	....	...	...	...	..	..			.....	.....
33	...	33	33	33	33	33	33	33	33	33	....	33	....	....	...	...	...	..	..			.....	.....
36	...	36	36	36	36	36	36	36	36	36	....	36	36	....	...	...	...	..	..			.....	.....
35	...	35	35	35	35	35	35	35	35	35	....	35	35	....	...	...	...	..	..			.....	.....
34	...	34	34	34	34	34	34	34	34	34	....	34	34	....	...	...	...	..	..			.....	.....
....	...	31	31	31	31	31	31	31	..	31	....	31	31	....	...	...	...	..	..			.....	.....
....	...	33	33	33	33	33	33	33	....	33	....	33	33	....	...	...	...	..	..			.....	.....
....	...	37	37	37	37	37	37	37	....	37	....	37	37	....	...	...	...	..	..			.....	.....
....	...	40	40	40	40	40	40	40	....	40	....	40	40	....	...	...	...	..	..			.....	.....
....	...	36	36	36	36	36	36	36	....	36	....	36	36	....	...	...	...	..	..			.....	.....
....	...	50	50	50	50	50	.....	.....	....	50	....	....	50	....	...	...	...	..	..			.....	.....
....	...	47	47	47	47	.....	.....	.....	....	47	....	47	47	....	...	...	...	..	..			.....	.....
...	...	45	45	45	45	....	.....	.....	....	45	....	45	45	....	...	...	...	..	..			.....	.....
....	...	57	57	57	57	.....	.....	.....	....	57	....	57	57	....	...	...	...	..	..			.....	.....
138	...	514	514	514	514	365	315	315	138	514	....	464	514	....	...	...	...	..	..			.....	.....

GRADED CITY SCHOOLS.

SCHOOL.	TEACHER.	CERTIFICATE.	Annual Salary.	Days School was in Session.	No. of Pupils enrolled.	Boys.	Girls.	Average Daily Attendance.	First Primer.	Second Primer.	First Reader.	Second Reader.	Third Reader.
Victoria.—*Continued.*			$										
George Jay, 1st Div.	H. Charlesworth	1st Class	2,310	145	32	12	20	26.90	....	....	....	....	....
" 2nd "	Mrs. E. E. Menkus	1st "	1,386	145	33	13	20	27.01	....	....	....	....	....
" 3rd "	Miss E. B. Andrews	1st "	1,287	145	35	17	18	27.31	....	....	....	....	....
" 4th "	Miss J. D. Ramsay	1st "	1,122	145	42	15	27	33.74	....	....	....	....	....
" 5th "	Miss L. Harris	2nd "	1,254	145	39	14	25	34.10	....	....	....	....	....
" 6th "	Miss E. M. Dalby	2nd "	1,188	145	49	28	21	39.08	....	....	....	....	49
" 7th "	G. H. Bevan-Pritchard	3rd "	1,518	145	47	25	22	39.96	....	....	....	....	47
" 8th "	Mrs. G. M. Havercroft	2nd "	858	145	35	21	14	29.49	....	....	....	....	35
" 9th "	Miss F. McNeill	3rd "	858	145	48	25	23	39.24	....	....	....	....	48
" 10th "	Miss M. F. Norris	2nd "	858	145	50	22	28	40.78	....	....	....	....	50
" 11th "	Miss L. S. Christie	2nd "	858	130½	54	18	36	39.10	....	....	....	54	....
					464	210	254	376.71	....	....	....	54	229
Margt. Jenkins, 1st D.	W. H. Gee	1st "	2,145	145	31	19	12	26.33	....	....	....	....	....
" 2nd "	Miss J. Thompson	1st "	1,320	145	38	19	19	30.70	....	....	....	....	....
" 3rd "	H. C. Gilliland	2nd "	900	145	28	13	15	27.46	....	....	....	....	28
" 4th "	Miss B. O'Keiffe	1st "	1,188	144½	40	22	18	33.10	....	....	....	....	40
" 5th "	Miss M. B. Hastie	2nd "	924	130½	33	17	16	30.81	....	18	15	....	....
" 6th "	Miss E. V. Edwards	2nd "	858	130½	46	22	24	40.55	46	....	....	....	....
" 7th "	Miss G. Field	1st "	1,122	41	25	11	14	23.89	....	....	....	25	....
					241	123	118	212.84	46	18	15	25	68
King's Road, 1st Div.	Mrs. A. C. Thain	2nd "	1,056	130	48	24	24	38.22	....	23	25	....	....
" 2nd "	Miss M. Lucas	2nd "	1,452	130½	58	32	26	41.05	58	....	....	....	....
" 3rd "	Miss A. Stewart	2nd "	858	130	46	24	22	34.76	26	20	....	....	....
					152	80	72	114.03	84	43	25	....	....
Kingston St., 1st Div.	Miss K. M. Sehl	2nd "	924	130½	40	19	21	33.01	....	....	....	40	....
" 2nd "	Miss O. G. Cameron	2nd "	1,056	130½	44	22	22	30.16	....	....	22	22	....
" 3rd "	Miss E. J. Jackson, B.A.	Academic	858	130½	47	19	28	35.43	....	17	30	....	....
" 4th "	Miss B. MacKinnon	2nd Class	1,056	130½	46	27	19	36.44	25	21	....	....	....
" 5th "	Miss E. G. Lawson	1st "	1,518	130½	55	28	27	39.39	55	....	....	....	....
					232	115	117	174.43	80	38	52	62	....
North Ward, 1st Div.	J. M. Campbell	2nd "	2,410	145	39	18	21	31.54	....	....	....	....	....
" 2nd "	Miss C. A. Dowler	1st "	1,446	145	36	16	20	28.99	....	....	....	....	....
" 3rd "	Miss S. J. Murton	1st "	1,413	145	37	12	19	24.92	....	....	....	....	....
" 4th "	W. D. Knott	2nd "	1,380	145½	32	19	13	24.76	....	....	....	....	....
" 5th "	Miss B. B. Douglas	1st "	1,248	145	39	15	24	29.23	....	....	....	....	39
" 6th "	Miss M. M. Miller	2nd "	984	145	37	24	13	31.54	....	....	....	....	37
" 7th "	Miss E. C. Cessford	3rd "	1,050	145	39	23	16	29.93	....	....	....	....	39
" 8th "	Miss K. F. Ede	3rd "	918	145	42	28	14	33.59	....	....	....	....	42
" 9th "	Miss J. Freeman	3rd "	1,116	130½	42	17	25	30 73	....	....	....	42	....
" 10th "	Miss W. R. Bell	3rd "	720	117	31	17	14	27.29	....	....	31	....	....
					368	189	179	292.52	....	....	31	42	157
Oaklands, 1st Division	R. H. MacInnes	1st "	2,145	145	34	9	25	29.63	....	....	....	....	....
" 2nd "	Mrs. G. J. Dickson	2nd "	1,122	145	29	10	19	24.68	....	....	....	....	....
" 3rd "	W. H. Wilson	1st "	1,650	145	31	13	18	28.66	....	....	....	....	....
" 4th "	Miss A. E. Hendry	2nd "	1,188	145	42	21	21	34.96	....	....	....	....	42
" 5th "	Miss B. Brynjolfson	1st "	1,056	145	38	10	28	35.02	....	....	....	....	38
" 6th "	Miss H. M. Wheeler	3rd "	858	145	43	27	16	32.61	....	....	....	18	25
" 7th "	Miss M. Lane	3rd "	858	130½	41	19	22	35 19	....	....	18	23	....
" 8th "	Miss G. Y. Pauly	Academic	924	130½	43	25	18	37.63	....	....	43	....	....
" 9th "	Miss N. K. Edwards	2nd Class	792	130½	38	19	19	31.68	17	21	....	....	....
" 10th "	Miss E. L. Vantreight	2nd "	1,122	130½	40	23	17	40.98	40	....	....	....	....
" 11th "	Miss L. B. Smethurst	2nd "	.....	34	26	18	8	24.15	26	....	....	....	....
					405	194	211	355.19	83	21	61	41	105
Quadra Street, 1st Div.	D. J. Thomas	2nd "	1,749	145	22	9	13	30.27	....	....	....	....	....
" 2nd "	Mrs. Sarah McMartin	1st "	1,254	145	36	23	13	30.44	....	....	....	....	36
" 3rd "	Miss J. M. Duncan	2nd "	1,188	145	43	19	24	31.72	....	....	....	....	43
" 4th "	Miss E. M. Leigh	2nd "	858	130½	37	13	24	35.21	....	....	....	37	....
" 5th "	Miss A. M. Winkel	2nd "	858	130½	38	23	15	33.72	15	23	....	....	....
" 6th "	Miss M. C. Frank	2nd "	1,122	130½	37	26	11	35.56	37	....	....	....	....
" 7th "	Miss H. A. Bradshaw	2nd "	720	46	29	11	18	25.93	....	6	15	8	....
" 8th "	W. H. Muncy	1st "	1,386	41	21	7	14	20.29	....	....	....	....	....
					263	131	132	243.14	52	29	15	45	79

SCHOOL-YEAR ENDING JUNE 30TH, 1919—*Continued.*

NUMBER OF PUPILS IN EACH READER AND IN EACH SUBJECT OF STUDY.																						Amount paid by Government on account of Teachers' Salaries, etc.	Amount paid by District in addition to Expenditure by Government.
Fourth Reader.	Fifth Reader.	Writing, Dictation and Spelling, and Composition.	Arithmetic.	Nature Lessons and Hygiene.	Drawing.	Geography.	Canadian History and British History.	English Grammar.	English Literature.	Physical Exercises.	Manual Training.	Domestic Science (Needlework, etc.).	Music.	Algebra.	Geometry.	Latin.	French.	Physical Science.	Botany.			$ cts.	$ cts.
32	...	32	32	32	32	32	32	32	32	32	12	20	32	....	...	...	...	..	..			.....	.....
33	...	33	33	33	33	33	33	33	33	33	13	20	33	...	...	...	...	..	..			.....	.....
35	...	35	35	35	35	35	35	35	35	35	17	18	35	....	..	...	...	..	..			.....	.....
42	..	42	42	42	42	42	42	42	42	42	15	27	42	....	...	...	...	..	..			.....	.....
39	...	39	39	39	39	39	39	39	39	39	14	25	39	....	...	...	...	..	..			.....	.....
....	...	49	49	49	49	49	49	49	....	49	28	21	49	...	...	...	...	..	..			.....	.....
....	...	47	47	47	47	47	47	47	....	47	25	22	47	....	...	...	...	..	..			.....	.....
....	...	35	35	35	35	35	35	35	....	35	21	14	35	....	...	...	...	..	..			.....	.....
....	...	48	48	48	48	48	48	48	....	48	....	23	48	...	...	...	...	..	..			.....	.....
....	..	50	50	50	50	50	50	50	....	50	....	28	50	....	...	...	...	..	..			.....	.....
....	...	54	54	54	54	54	...	...	....	54	....	36	54	....	...	...	...	..	..			.....	.....
181	...	464	464	464	464	464	410	410	181	464	145	254	464	...	...	...	...	..	..			.....	.....
31	...	31	31	31	31	31	31	31	31	31	19	12	31	....	...	...	...	..	..			.....	.....
38	...	38	38	38	38	38	38	38	38	38	19	19	38	....	...	...	...	..	..			.....	.....
..	...	28	28	28	28	28	28	28	....	28	13	15	28	....	...	...	...	..	..			.....	.....
....	...	40	40	40	40	40	40	40	....	40	22	18	40	....	...	...	...	..	..			.....	.....
....	...	33	33	33	33	.....	.....	.....	....	33	....	16	33	....	...	...	...	..	..			.....	.....
....	...	46	46	46	46	.....	.....	.....	....	46	....	....	46	....	...	...	...	..	..			.....	.....
....	...	25	25	25	25	25	...	...	...	25	....	....	25	....	...	...	...	..	..			.....	.....
69	..	241	241	241	241	162	137	137	69	241	73	80	241	....	...	...	...	..	..			.....	.....
....	..	48	48	48	48	.....	.....	.....	....	48	....	....	48	....	...	...	...	..	..			.....	.....
....	..	58	58	58	58	.....	.....	.....	....	58	....	26	58	....	...	...	...	..	..			.....	.....
....	...	46	46	46	46	.....	.....	.....	....	46	....	....	46	....	...	...	...	..	..			.....	.....
...	...	152	152	152	152	.....	.....	.....	....	152	....	26	152	....	...	...	...	..	..			.....	.....
...	..	40	40	40	40	40	.....	.....	....	40	....	21	40	...	...	...	...	..	..			.....	.....
....	...	44	44	44	44	22	.....	.....	....	44	...	22	44	...	...	...	...	..	..			.....	.....
....	...	47	47	47	47	.....	.....	.....	....	47	....	28	47	....	...	...	...	..	..			.....	.....
...	...	46	46	46	46	....	....	....	....	46	....	....	46	....	...	...	...	..	..			.....	.....
....	...	55	55	55	55	.....	.....	.....	...	55	...	....	55	....	...	...	...	..	..			.....	.....
....	...	232	232	232	232	62	.....	...	....	232	....	71	232	....	...	...	...	..	..			.....	.....
39	...	39	39	39	39	39	39	39	39	39	18	21	39	....	...	...	...	..	..			.....	.....
36	...	36	36	36	36	36	36	36	36	36	16	20	36	....	...	...	...	..	..			.....	.....
31	...	31	31	31	31	31	31	31	31	31	12	19	31	....	...	...	...	..	..			.....	.....
32	...	32	32	32	32	32	32	32	32	32	19	13	32	...	...	...	...	..	..			.....	.....
....	...	39	39	39	39	39	39	39	....	39	15	24	39	....	...	...	...	..	..			.....	.....
....	...	37	37	37	37	37	37	37	...	37	14	...	37	....	...	...	...	..	..			.....	.....
...	...	39	39	39	39	39	39	39	....	39	23	16	39	....	...	...	...	..	..			.....	.....
....	...	42	42	42	42	42	42	42	....	42	....	....	42	....	...	...	...	..	..			.....	.....
...	...	42	42	42	42	42	.....	.....	....	42	....	25	42	....	...	...	...	..	..			.....	.....
....	...	31	31	31	31	.....	.....	.....	....	31	....	14	31	....	...	...	...	..	..			.....	.....
138	...	368	368	368	368	337	295	295	138	368	117	152	368	....	...	...	...	..	..			.....	.....
34	...	34	34	34	34	34	34	34	34	34	9	25	34	....	...	...	...	..	..			.....	.....
29	...	29	29	29	29	29	29	29	29	29	10	19	29	....	...	...	...	..	..			.....	.....
31	...	31	31	31	31	31	31	31	31	31	13	18	31	....	...	...	...	..	..			.....	.....
....	...	42	42	42	42	42	42	42	...	42	21	21	42	....	...	...	...	..	..			.....	.....
...	...	38	38	38	38	38	38	38	...	38	....	28	38	....	...	...	...	..	..			.....	.....
....	...	43	43	43	43	43	25	25	....	43	....	16	43	....	...	...	...	..	..			.....	.....
....	...	41	41	41	41	23	....	.....	....	41	....	22	41	....	...	...	...	..	..			.....	.....
....	...	43	43	43	43	...	.....	.....	....	43	....	18	43	....	...	...	...	..	..			.....	.....
....	...	38	38	38	38	...	.....	.....	....	38	....	....	38	....	...	...	...	..	..			.....	.....
....	...	40	40	40	40	...	.....	.....	....	40	....	....	40	....	...	...	...	..	..			.....	.....
....	...	26	26	26	26	.....	.....	.....	....	26	....	....	26	....	...	...	...	..	..			.....	.....
94	...	405	405	405	405	240	199	199	94	405	53	167	405	....	...	...	...	..	..			.....	.....
22	...	22	22	22	22	22	22	22	22	22	9	13	22	....	...	...	...	..	..			.....	.....
....	...	36	36	36	36	36	36	36	...	36	23	13	36	....	...	...	...	..	..			.....	.....
....	...	43	43	43	43	43	43	43	...	43	7	24	43	....	...	...	...	..	..			.....	.....
....	..	37	37	37	37	37	.....	.....	....	37	....	24	37	....	...	...	...	..	..			.....	.....
....	...	38	38	38	38	.....	.....	.....	....	38	....	....	38	....	...	...	...	..	..			.....	.....
....	...	37	37	37	37	.....	.....	.....	...	37	....	....	37	....	...	...	...	..	..			.....	.....
...	...	29	29	29	29	8	.....	.....	....	29	....	....	29	....	...	...	...	..	..			.....	.....
21	...	21	21	21	21	21	21	21	21	21	7	14	21	....	...	...	...	..	..			.....	.....
43	...	263	263	263	263	167	122	122	43	263	46	88	263	....	...	...	...	..	..			.....	.....

GRADED CITY SCHOOLS.

SCHOOL.	TEACHER.	CERTIFICATE.	Annual Salary.	Days School was in Session.	No. of Pupils enrolled.	Boys.	Girls.	Average Daily Attendance.	First Primer.	Second Primer.	First Reader.	Second Reader.	Third Reader.
Victoria.—*Concluded.*			$										
South Park, 1st Div.	A. A. Campbell	1st Class	2,310	140	36	19	17	31.51	....	....	....	....	....
" 2nd "	Miss C. MacL. Long	1st "	1,386	140	42	19	23	31.81	....	....	....	....	....
" 3rd "	Miss J. C. Roberts	1st "	1,221	140	32	13	19	27.05	....	....	....	....	....
" 4th "	R. W. MacKenzie	1st "	1,188	140	35	18	17	29.26	....	....	....	....	....
" 5th "	Miss C. Stoddart	2nd "	1,254	140	32	22	10	24.09	....	....	....	....	....
" 6th "	D. A. Fraser	2nd "	1,584	140	39	25	14	28.24	....	....	....	....	39
" 7th "	Miss I. C. Aird	1st "	1,122	140	38	21	17	30.11	....	....	....	....	38
" 8th "	Miss J. M. Gordon	2nd "	924	140	38	24	14	28.88	....	....	....	....	38
" 9th "	Miss J. G. Roberts	2nd "	1,254	140	57	28	29	43.86	....	....	....	....	57
" 10th "	Miss L. M. Archibald	Academic	858	140	42	19	23	33.35	....	....	....	....	42
					391	208	183	308.16	....	....	....	....	214
Spring Ridge, 1st Div.	Miss I. Tuck	2nd Class	1,452	130½	44	23	21	41.45	....	....	..	44	....
" 2nd "	Miss M. O'Rourke	1st "	1,056	130½	39	20	19	35.98	....	....	39	....	....
" 3rd "	Miss C. M. Martin	2nd "	1,122	130½	46	26	20	30.05	46	....	....	....	....
" 4th "	Miss B. H. Sargent	2nd "	924	130½	39	15	24	35.54	29	10	....	....	....
" 5th "	Miss E. Guy	1st "	960	100	42	29	13	35.36	....	42	....	....	....
					210	113	97	178.38	75	52	39	44	....
West, 1st Division	J. F. Sallaway	1st "	2,310	145	25	17	8	15.39	....	....	....	....	....
" 2nd "	Miss M. A. Pope	2nd "	1,386	145	40	16	24	29.96	....	....	....	....	....
" 3rd "	Miss M. M. Rigby	2nd "	858	145	41	16	25	34.82	....	....	....	....	41
" 4th "	Miss L. A. Carson	2nd "	924	145	42	15	27	33.00	....	....	....	....	42
" 5th "	Miss M. Fox	1st "	858	145	39	22	17	33.69	....	....	....	....	39
" 6th "	Miss V. M. Davies	2nd "	858	145	36	19	17	32.28	....	....	....	36	....
" 7th "	Miss E. G. Smith	2nd "	858	130½	42	16	26	34.91	....	....	14	28	....
" 8th "	Miss D. A. Fox	1st "	1,056	130½	41	21	20	38.06	....	27	14	....	....
" 9th "	Miss V. M. Walker	2nd "	924	130½	43	25	18	38.10	30	13	....	....	....
" 10th "	Miss A. N. Anderson	2nd "	1,122	130½	39	21	18	32.09	39	....	....	....	....
					388	188	200	322.30	69	40	28	64	122
Child Study Laboratory	Miss B. Winn	Special	1,716	130	18	11	7	12.84	16	2	....	....	....
Manual Training Instructors.	W. H. Binns		2,310	....	....	....	....	....	....	....	....	....	....
	F. W. Ball		1,518	....	....	....	....	....	....	....	....	....	....
	G. Anstey		1,914	....	....	....	....	....	....	....	....	....	....
	W. A. Plenderleith		1,320	....	....	....	....	....	....	....	....	....	....
	D. S. Cameron		1,848	....	....	....	....	....	....	....	....	....	....
	A. H. Marrion		1,683	....	....	....	....	....	....	....	....	....	....
Domestic Science Instructors.	Miss A. I. Dickson		1,320	....	....	....	....	....	....	....	....	....	....
	Miss F. W. Manuel		1,254	....	....	....	....	....	....	....	....	....	....
	Miss I. Davidson		1,056	....	....	....	....	....	....	....	....	....	....
	Miss E. St. C. Pike		960	....	....	....	....	....	....	....	....	....	....
	Miss M. M. Brown		1,056	....	....	....	....	....	....	....	....	....	....
	Miss K. Cockburn		960	....	....	....	....	....	....	....	....	....	....
Supervisor of Physical Training	I. St. Clair		1,716	....	....	....	....	....	....	....	....	....	....
Supervisor of Drawing	Miss L. M. Mills		1,650	....	....	....	....	....	....	....	....	....	....
Supervisor of Music	H. J. Pollard		1,848	....	....	....	....	....	....	....	....	....	....
Municipal Inspector of Schools	E. B. Paul, M.A.		3,000	....	....	....	....	....	....	....	....	....	....
Grand total, Graded	City Schools, 1918-1919				35090	17693	17397	28462.01	6562	2708	3139	5740	9720
" "	" 1917-1918				33286	16613	16673	28098.96	5553	2518	2894	5302	9804

RURAL MUNICIPALITY SCHOOLS.

Burnaby:			$										
Armstrong Avenue	Miss C. L. Brown	2nd Class	1,056	163½	31	14	17	20.40	8	4	5	7	5
Barnet	A. J. McKenna, B.A.	Academic	1,100	173½	14	7	7	10.78	3	....	3	1	3
Douglas Road	Mrs. M. Scott	Temporary	1,100	164½	37	14	23	28.12	12	1	5	8	9
Edmonds St., 1st Div.	N. Morrison	2nd Class	1,782	164½	29	14	15	21.90	....	....	....	....	....
" 2nd "	J. G. Glass	2nd "	1,386	164½	40	14	26	29.23	....	....	....	....	....
" 3rd "	Miss H. F. Crake	2nd "	1,254	164½	38	16	22	30.24	....	....	....	....	38
" 4th "	Miss L. C. E. MacKenzie	2nd "	1,100	164½	39	17	22	35.21	....	....	....	....	39
" 5th "	Miss A. S. Corbett	2nd "	1,056	164½	46	24	22	30.04	....	....	....	46	....
" 6th "	Miss P. E. S. Featherstonhaugh	2nd "	990	164½	38	29	9	31.35	....	17	21	....	....
" 7th "	Miss E. M. Crake	2nd "	1,056	164½	51	20	31	36.47	51	....	....	....	....

SCHOOL-YEAR ENDING JUNE 30TH, 1919—*Concluded.*

NUMBER OF PUPILS IN EACH READER AND IN EACH SUBJECT OF STUDY.

Fourth Reader.	Fifth Reader.	Writing, Dictation and Spelling, and Composition.	Arithmetic.	Nature Lessons and Hygiene.	Drawing.	Geography.	Canadian History and British History.	English Grammar.	English Literature.	Physical Exercises.	Manual Training.	Domestic Science (Needlework, etc.).	Music.	Algebra.	Geometry.	Latin.	French.	Physical Science.	Botany.	Amount paid by Government on account of Teachers' Salaries, etc.	Amount paid by District in addition to Expenditure by Government.
																				$ cts.	$ cts.
36	...	36	36	36	36	36	36	36	36	36	19	17	36	....	....	....	....	..	..	.....	.....
42	...	42	42	42	42	42	42	42	42	42	19	23	42	....	....	....	....	..	..	.....	.....
32	...	32	32	32	32	32	32	32	32	32	13	19	32	....	....	....	....	..	..	.....	.....
35	...	35	35	35	35	35	35	35	35	35	18	17	....	....	....	....	....	..	..	.....	.....
32	...	32	32	32	32	32	32	32	32	32	22	10	32	....	....	....	....	..	..	.....	.....
....	...	39	39	39	39	39	39	39	....	39	25	14	39	....	....	....	....	..	..	.....	.....
....	...	38	38	38	38	38	38	38	....	38	21	17	38	....	....	....	....	..	..	.....	.....
....	...	38	38	38	38	38	38	38	....	38	24	14	38	....	....	....	....	..	..	.....	.....
....	...	57	57	57	57	57	57	57	....	57	28	29	57	....	....	....	....	..	..	.....	.....
....	...	42	42	42	42	42	42	42	....	42	19	23	42	....	....	....	....	..	..	.....	.....
177	...	391	391	391	391	391	391	391	177	391	208	183	356	....	....	....	....	..	..	.....	.....
...	...	44	44	44	44	44	.....	.....	....	44	....	21	44	....	....	....	....	..	..	.....	.....
...	...	39	39	39	39	.....	.....	.....	....	39	....	....	39	....	....	....	....	..	..	.....	.....
....	...	46	46	46	46	.....	.....	.....	....	46	....	....	....	....	....	....	....	..	..	.....	.....
....	...	39	39	39	39	.....	.....	.....	....	39	....	....	39	....	....	....	....	..	..	.....	.....
....	...	42	42	4	42	.....	.....	.....	....	42	....	....	....	....	....	....	....	..	..	.....	.....
...	...	210	210	210	210	44	.....	.....	..	210	....	21	122	....	....	....	....	..	..	.....	.....
25	...	25	25	25	25	25	25	25	25	25	17	8	25	....	....	....	....	..	..	.....	.....
40	...	40	40	40	40	40	40	40	40	40	16	24	40	....	....	....	....	..	..	.....	.....
....	...	41	41	41	41	41	41	41	...	41	16	25	41	....	....	....	....	..	..	.....	.....
....	...	42	42	42	42	42	42	42	....	42	15	27	42	....	....	....	....	..	..	.....	.....
....	...	39	39	39	39	39	39	39	...	39	22	17	39	....	....	....	....	..	..	.....	.....
....	...	36	36	36	36	36	.....	.....	....	36	....	17	36	....	....	....	....	..	..	.....	.....
....	...	42	42	42	42	28	.....	.....	....	42	....	26	42	....	....	....	....	..	..	.....	.....
....	...	41	41	41	41	.....	.....	.....	...	41	....	20	41	....	....	....	....	..	..	.....	.....
..	...	43	43	43	43	...	.....	..	...	43	...	....	43	....	....	....	....	..	..	.....	.....
....	...	39	39	39	39	...	.....	.....	..	39	....	.....	39	....	....	....	....	..	..	.....	.....
65	...	388	388	388	388	251	187	187	65	388	86	164	388	....	....	....	....	..	..	.....	.....
...	...	18	18	18	18	.....	.....	.....	....	18	....	...	....	....	....	....	....	..	..	.....	.....
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7113	61	35090	35069	34982	35022	22573	16873	16828	7174	35043	5528	6602	25679	61	61	61	46	30	16	535,371 85	.....
7179	36	33286	33277	33222	33270	22285	16980	17012	7215	33286	4744	5592	23459	36	36	36	36	9	9	.....	.....

SCHOOL-YEAR ENDING JUNE 30TH, 1919.

																				$ cts.	$ cts.
2	...	31	31	31	31	14	7	7	2	31	2	2	...	....	...	...	...	..	..	28,806 65	43,644 88
4	...	14	14	14	14	8	7	7	4	14	....	....	....	....	....	....	....	..	..	.....	.....
2	...	37	37	37	37	19	11	11	2	37	6	....	37	....	....	....	....	..	..	.....	.....
29	...	29	29	29	29	29	29	29	29	29	14	15	....	....	....	....	....	..	..	.....	.....
40	...	40	40	40	40	40	40	40	40	40	14	26	....	....	....	....	....	..	..	.....	.....
....	...	38	38	38	38	38	38	38	....	38	16	22	....	....	....	....	....	..	..	.....	.....
....	...	39	39	39	39	39	39	39	....	39	....	....	....	....	....	....	....	..	..	.....	.....
....	...	46	46	46	46	46	.....	.....	....	46	....	....	....	....	....	....	....	..	..	.....	.....
....	...	38	38	38	38	.....	.....	.....	...	38	....	...	38	...	...	...	...	..	..	.....	.....
....	...	51	51	51	51	.....	.....	.....	....	51	....	....	....	....	....	....	....	..	..	.....	.....

RURAL MUNICIPALITY SCHOOLS.

SCHOOL.	TEACHER.	CERTIFICATE.	Annual Salary.	Days School was in Session.	No. of Pupils enrolled.	Boys.	Girls.	Average Daily Attendance.	First Primer.	Second Primer.	First Reader.	Second Reader.	Third Reader.
Burnaby—*Concluded.*			$										
Gilmore Ave., 1st Div..	S. J. Griffiths	1st Class	1,980	171½	33	13	20	26.62	....	....	....	....	....
" 2nd "	Miss M. M. Scott	3rd "	1,386	171½	49	21	28	38.11	....	....	....	....	....
" 3rd "	Miss M. L. Lusk	2nd "	990	171½	45	25	20	37.90	....	....	....	....	43
" 4th "	Miss K. Simmonds	2nd "	1,100	171½	44	14	30	34.81	....	....	....	....	21
" 5th "	Miss G. P. Smith	1st "	990	171½	44	19	25	36.86	....	....	....	....	44
" 6th "	Miss E. M. Keast	2nd "	1,056	171½	45	26	19	36.44	....	....	....	18	27
" 7th "	Miss E. H. Tough	2nd "	858	171½	46	22	24	37.41	....	....	....	46	....
" 8th "	Miss E. Wilks	2nd "	858	171½	50	26	24	38.17	17	....	33	....	....
" 9th "	Miss H. R. Russell	2nd "	1,056	171½	52	31	21	39.71	20	32	....	....	....
" 10th "	Miss C. Streeter	1st "	900	171½	47	28	19	35.97	47	....	....	....	....
Hamilton Road	Miss V. E. Wiltshire	1st "	990	172½	35	18	17	24.86	8	....	7	5	8
Howard Ave	P. Pullinger	3rd "	1,100	175	37	21	16	26.57	11	3	4	9	10
Inman Ave., 1st Div..	Miss E. F. Crake	2nd "	1,452	158½	41	17	24	31.14	....	....	....	....	29
" 2nd "	Miss J. E. Gray	2nd "	924	159	33	15	18	26.89	....	....	8	21	4
" 3rd "	Miss G. A. Bell	2nd "	858	159	48	28	20	32.63	29	19	....	....	....
Kingsway, East, 1st D..	Miss J. M. McKenzie, B.A	Academic	1,254	170½	39	23	16	32.73	....	....	....	5	18
" 2nd "	Miss G. J. May	3rd Class	1,100	170½	39	18	21	27.63	17	5	7	10	....
Kingsway, W., 1st D..	C. Brown, B.A	Academic	1,716	154½	45	17	28	36.09	....	....	....	....	....
" 2nd "	Miss M. A. Gray	2nd Class	1,386	159½	45	22	23	37.59	....	....	....	....	3
" 3rd "	Miss M. C. Morrow	2nd "	1,100	159½	49	28	21	41.50	....	....	....	....	49
" 4th "	Miss F. A. Brice	2nd "	1,056	159½	43	24	19	39.72	....	....	....	....	43
" 5th "	Miss M. Haslam	2nd "	924	158½	49	22	27	41.66	....	....	....	49	....
" 6th "	Miss F. M. Banks	2nd "	990	158½	55	23	32	42.50	21	34	....	....	....
" 7th "	Miss A. T. Forrest	2nd "	1,254	159½	55	27	28	38.52	55	....	....	....	....
Nelson Ave., 1st Div..	D. H. H. Lowther	1st "	1,584	160	33	21	12	26.32	....	....	....	....	13
" 2nd "	J. N. Burnett	3rd "	780	160	43	14	29	33.52	....	....	....	12	31
" 3rd "	Miss C. R. May	2nd "	924	60½	31	18	13	27.24	1	14	11	5	....
" 4th "	Miss R. I. Leavens	3rd "	990	160	37	21	16	35.28	37	....	....	....	....
Riverway, East, 1st D..	E. I. Cantell	2nd "	1,188	161½	27	7	20	20.67	....	....	....	....	15
" 2nd "	Miss J. R. Shand	2nd "	990	161½	31	15	16	20.38	10	....	10	11	....
Schou St., 1st Division..	Miss M. E. Brundrett	2nd "	1,188	163½	28	13	15	21.66	....	....	....	....	18
" 2nd "	Miss E. Whitworth	3rd "	924	163½	27	13	14	19.79	10	7	8	2	..
Second Street, 1st Div.	Miss E. Love	2nd "	924	171	43	24	19	33.27	23	13	7	....	....
" 2nd "	Miss C. G. Mosèley	Temporary	924	162	38	19	19	33.30	....	....	....	23	15
Sperling Avenue	Miss E. E. Macpherson	1st Class	924	169	28	11	17	18.55	3	2	2	3	12
Manual Training Inst..	G. W. Sievers		1,980	...	....	....	....	.....	...	...	....	....	....
Domestic Science Inst..	Miss L. Grothier		1,188	....	...	.....	....	.....	....	....	....	....	....
					1797	873	924	1405.75	383	151	131	281	497
Chilliwack:													
Atchelitz, 1st Division.	Miss F. M. Whitworth	2nd Class	960	173½	38	24	14	23.92	....	....	....	....	23
" 2nd "	Miss I. G. Davis	2nd "	780	174½	43	30	13	26.55	13	6	5	19	....
Camp Slough, 1st Div.	Miss G. Gervan	2nd "	900	175	23	6	17	17.70	....	....	....	....	14
" 2nd "	Miss E. H. Hutchison	2nd "	720	174½	21	14	7	16.45	10	....	2	9	....
Cheam, 1st Division	Miss A. M. Rogers	1st "	900	174½	34	21	13	24.68	....	....	....	....	19
" 2nd "	Miss G. A. Clarkson	2nd "	720	174½	31	12	19	23.84	7	8	8	8	....
Chilliwack, East, 1st D.	H. H. Boucher	2nd "	840	175	30	13	17	21.48	....	....	....	....	22
" 2nd "	Miss C. Johnston	2nd "	720	175	26	14	12	20.63	4	7	....	15	....
Fairfield Island	Miss L. M. Nowlan, B.A.	Academic	1,000	172½	46	28	18	31.77	9	1	5	4	17
Lotbiniere, 1st Division	Miss G. B. Brett	2nd Class	900	155	29	11	18	23.33	....	....	....	....	17
" 2nd "	Miss A. H. Taylor	2nd "	720	155	32	11	21	25.92	5	....	12	15	.
Parson's Hill	Miss V. I. Monkhouse	3rd "	720	174½	11	6	5	7.28	2	1	2	3	2
Promontory Flats	Miss M. V. Sleighthoim	2nd "	720	166	14	6	8	8.93	1	....	....	2	8
Rosedale, 1st Division.	M. H. Rae	Temporary	1,000	175	21	11	10	16.43	....	....	....	....	9
" 2nd "	Miss D. A. Leary	3rd Class	720	175	34	14	20	28.88	15	8	11	....	....
" 3rd "	Miss F.-C. Mercer	3rd "	780	134	31	19	12	26.23	....	....	....	10	21
Sardis, 1st Division	W. Robertson	2nd "	1,200	175	26	12	14	18.73	....	....	....	....	....
" 2nd "	Miss M. A. MacDonald	1st "	900	175	41	18	23	26.67	....	....	....	....	41
" 3rd "	Mrs. R. Watson	2nd "	780	175	39	19	20	31.77	....	....	13	26	....
" 4th "	Miss A. Anderson	2nd "	780	175	31	20	11	22.98	23	8	....	....	....
Strathcona, 1st Div..	Miss C. M. Bailey	2nd "	900	167½	28	10	18	21.37	....	....	....	....	17
" 2nd "	Miss E. O'Hearn	3rd "	780	168	27	15	12	18.51	7	3	7	10	....
Sumas	Miss P. G. Bowman	2nd "	720	173	12	10	2	7.35	4	....	1	1	4
Vedder Creek	Miss M. C. Hardy	3rd "	720	165	15	10	5	9.95	6	....	1	3	2
Yarrow	Miss H. B. Manuel	3rd "	720	173½	14	10	4	9.60	1	....	1	....	6
Manual Training Inst.	A. G. Jamieson		1,500	....	...	.....	....	.....	....	....	....	....	....
					697	364	333	510.95	107	42	68	125	222
Coldstream:													
Coldstream	Mrs. E. Soule	Temporary	1,020	175	31	11	20	23.84	3	2	4	6	8
Lavington	Miss E. Warren	1st Class	960	174	28	13	15	22.20	4	3	8	2	7
					59	24	35	46.04	7	5	12	8	15

SCHOOL-YEAR ENDING JUNE 30TH, 1919—*Continued.*

NUMBER OF PUPILS IN EACH READER AND IN EACH SUBJECT OF STUDY.																				Amount paid by Government on account of Teachers' Salaries, etc.	Amount paid by District in addition to Expenditure by Government.
Fourth Reader.	Fifth Reader.	Writing, Dictation and Spelling, and Composition.	Arithmetic.	Nature Lessons and Hygiene.	Drawing.	Geography.	Canadian History and British History.	English Grammar.	English Literature.	Physical Exercises.	Manual Training.	Domestic Science (Needlework, etc.).	Music.	Algebra.	Geometry.	Latin.	French.	Physical Science	Botany.		
																				$ cts.	$ cts.
33	...	33	33	33	33	33	33	33	33	33	13	20	.....	...	...	...	...	..	..	.....	.....
49	...	49	49	49	49	49	49	49	49	49	21	28	49	...	...	...	...	..	..	.....	.....
2	...	45	45	45	45	45	45	45	2	45	25	20	.....	....	..	...	...	..	..	.....	.....
23	...	44	44	44	44	44	44	44	23	44	9	14	.....	....	...	...	...	..	..	.....	.....
....	...	44	44	44	44	44	44	44	....	44	....	....	44	...	...	...	...	..	..	.....	.....
....	...	45	45	45	45	45	27	27	....	45	....	....	.....	...	...	...	...	..	..	.....	.....
....	...	46	46	46	46	46	.....	.....	....	46	....	....	46	...	...	...	...	..	..	.....	.....
....	...	50	50	50	50	.....	.....	.....	....	50	....	....	.....	...	...	...	...	..	..	.....	.....
....	...	52	52	52	52	.....	.....	.....	....	52	....	....	52	...	...	...	...	..	..	.....	.....
....	...	47	47	47	47	.....	.....	.....	....	47	....	....	47	...	...	...	...	..	..	.....	.....
7	...	35	35	35	35	20	15	15	7	35	....	....	35	....	...	...	...	..	..	.....	.....
....	...	37	37	37	37	19	10	10	....	37	....	....	.....	...	...	...	...	..	..	.....	.....
12	...	41	41	41	41	41	41	41	12	41	12	18	41	....	...	...	...	..	..	.....	.....
....	...	33	33	33	33	25	4	4	....	33	....	....	33	....	...	...	...	..	..	.....	.....
....	...	48	48	48	48	.....	.....	.....	....	48	....	....	48	....	...	...	...	..	..	.....	.....
16	...	39	39	39	39	39	34	34	16	39	13	6	.....	....	...	...	...	..	..	.....	.....
....	...	39	39	39	39	10	.....	.....	....	39	....	....	.....	....	...	...	...	..	..	.....	.....
45	...	45	45	45	45	45	45	45	45	45	17	28	.....	....	...	...	...	..	..	.....	.....
42	..	45	45	45	45	45	45	45	42	45	22	23	.....	....	...	...	...	..	..	.....	.....
....	...	49	49	49	49	49	49	49	...	49	28	21	.....	....	...	...	...	..	..	.....	.....
....	...	43	43	43	43	43	43	43	...	43	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	49	49	49	49	49	.....	.....	....	49	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	55	55	55	55	....	.....	.....	....	55	....	....	.....	....	...	...	...	..	..	.....	.....
...	...	55	55	55	55	.....	.....	.....	....	55	....	....	55	....	...	...	...	..	..	.....	.....
20	...	33	33	33	33	33	33	33	20	33	21	12	.....	....	...	...	...	..	..	.....	.....
....	...	43	43	43	43	43	31	31	...	43	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	31	31	31	31	5	.....	.....	....	31	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	37	37	37	37	.....	.....	.....	....	37	....	....	.....	....	...	...	...	..	..	.....	.....
12	...	27	27	27	27	27	27	27	12	27	5	17	.....	....	...	...	...	..	..	.....	.....
....	...	31	31	31	31	11	.....	.....	....	31	....	....	.....	....	...	...	...	..	..	.....	.....
10	...	28	28	28	28	28	28	28	10	28	....	....	28	....	...	...	...	..	..	.....	.....
....	...	27	27	27	27	2	.....	.....	....	27	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	43	43	43	43	.....	.....	.....	....	43	....	....	43	....	...	...	...	..	..	.....	.....
..	...	38	38	38	38	38	15	15	....	38	....	....	38	....	...	...	...	..	..	.....	.....
6	...	28	28	28	28	21	18	18	6	28	....	....	28	....	...	...	...	..	..	.....	.....
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354	...	1797	1797	1797	1797	1132	851	851	354	1797	238	272	662	....	...	...	...	..	..	.....	.....
15	...	38	38	38	38	38	38	38	15	38	24	14	.....	....	...	...	...	..	..	16,297 15	22,829 30
....	...	43	43	43	43	19	.....	.....	....	43	....	....	43	....	...	...	...	..	..	.....	.....
9	...	23	23	23	23	23	23	23	9	23	3	17	.....	....	...	...	...	..	..	.....	.....
....	...	21	21	21	21	9	.....	.....	....	21	....	....	.....	....	...	...	...	..	..	.....	.....
15	...	34	34	34	34	34	34	34	15	34	12	13	.....	....	...	...	...	..	..	.....	.....
....	...	31	31	31	31	8	.....	.....	....	31	....	....	31	....	...	...	...	..	..	.....	.....
8	...	30	30	30	30	30	30	30	8	30	10	17	.....	....	...	...	...	..	..	.....	.....
....	...	26	26	26	26	15	.....	.....	....	26	....	12	26	....	...	...	...	..	..	.....	.....
10	...	46	46	46	46	31	27	27	10	46	6	15	46	....	...	...	...	..	..	.....	.....
12	...	29	29	29	29	29	29	29	12	29	6	....	.....	....	...	...	...	..	..	.....	.....
...	...	32	32	32	32	15	.....	.....	....	32	....	....	.....	....	...	...	...	..	..	.....	.....
1	...	11	11	11	11	6	3	3	1	11	....	....	11	....	...	...	...	..	..	.....	.....
3	...	14	14	14	14	13	11	11	3	14	1	....	.....	....	...	...	...	..	..	.....	.....
12	...	21	21	21	21	21	21	21	12	21	11	....	.....	....	...	...	...	..	..	.....	.....
....	...	34	34	34	34	.....	.....	.....	....	34	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	31	31	31	31	31	21	21	....	31	....	....	.....	....	...	...	...	..	..	.....	.....
26	...	26	26	26	26	26	26	26	26	26	12	14	.....	....	...	...	...	..	..	.....	.....
....	...	41	41	41	41	41	41	41	....	41	4	22	.....	....	...	...	...	..	..	.....	.....
...	...	39	39	39	39	26	.....	.....	....	39	....	....	39	....	...	...	...	..	..	.....	.....
....	...	31	31	31	31	.....	.....	.....	....	31	....	....	.....	....	...	...	...	..	..	.....	.....
11	...	28	28	28	28	28	28	28	11	28	10	18	.....	....	...	...	...	..	..	.....	.....
...	...	27	27	27	27	10	.....	.....	...	27	....	....	.....	....	...	...	...	..	..	.....	.....
2	...	12	12	12	12	7	6	6	2	12	1	....	.....	....	...	...	...	..	..	.....	.....
3	...	15	15	15	15	8	5	5	3	15	....	....	15	....	...	...	...	..	..	.....	.....
6	...	14	14	14	14	12	12	12	6	14	2	....	.....	....	...	...	...	..	..	.....	.....
....	...	.....	.....	.....	.....	.....	.....	.....	....	.....	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	.....	.....	.....	.....	.....	.....	.....	....	.....	....	....	.....	....	...	...	...	..	..	.....	.....
133	...	697	697	697	697	480	355	355	133	697	102	142	211	....	...	...	...	..	..	.....	.....
8	...	31	31	31	31	22	16	16	8	31	..	..	.....	....	...	...	...	..	..	1,256 70	1,880 27
4	...	28	28	28	28	13	11	11	4	28	...	...	.....	....	...	...	...	..	..	.....	.....
12	..	59	59	59	59	35	27	27	12	59	....	....	.....	....	...	...	...	..	..	.....	.....

RURAL MUNICIPALITY SCHOOLS.

SCHOOL.	TEACHER.	CERTIFICATE.	Annual Salary.	Days School was in Session.	No. of Pupils enrolled.	Boys.	Girls.	Average Daily Attendance.	First Primer.	Second Primer.	First Reader.	Second Reader.	Third Reader.
Coquitlam:			$										
Blue Mountain, 1st Div.	R. G. Sprinkling	2nd Class		148	25	17	8	18.35	....	....	....	..	17
" 2nd "	Miss A. Gray	2nd "		146½	20	12	8	12.21	10	5	3	2	....
Coquitlam, East	Miss J. Monteith	1st "		160	15	11	4	8.06	4	3	1	3	2
The Glen	Miss L. Pickard	2nd "		158½	17	7	10	14.15	....	....	2	4	5
Millside, 1st Division	Miss E. E. Bournes	3rd "		148½	15	8	7	10.09	....	....	....	3	7
" 2nd "	Miss N. H. Cox	3rd "		148½	31	19	12	22.44	15	4	5	7	....
Silver Valley	Miss B. A. Smith	2nd "		166½	11	2	9	8.64	4	...	2	1	3
					134	76	58	93.94	33	12	13	20	34
Cowichan, North:													
Chemainus, 1st Div	Miss B. M. Tranfield	2nd "	1,000	146	38	22	16	30.49	....	....	....	....	14
" 2nd "	Miss A. Wilson	1st "	840	146	41	29	12	28.92	21	6	3	11	....
Crofton	Miss M. Bonsall	2nd "	960	160	26	10	16	18.41	9	....	....	9	3
Quamichan	Miss M. V. Millington	2nd "	720	184½	10	5	5	8.18	....	2	....	3	1
Somenos Station	Miss I. Creeden	3rd "	750	187	20	7	13	18.01	6	....	1	4	5
Westholme	Miss C. F. MacKenzie	1st "	960	159½	35	12	23	17.57	9	5	....	4	9
					170	85	85	121.58	45	13	4	31	32
Delta:													
Annacis Island	Miss H. A. Dewar	3rd "	720	148	14	6	8	11.28	6	2	....	2	1
Annieville	Miss A. Fenton	3rd "	900	147	37	21	16	23.46	13	...	....	15	8
Boundary Bay	J. A. Cairnes	2nd "	1,000	139	25	14	11	20.78	2	3	5	8	7
Canoe Pass	Miss D. F. Robblee	Temporary	900	126	40	18	22	32.31	8	4	....	14	5
Delta, East	Miss R. B. Hutchison	3rd Class	780	138½	14	9	5	9.95	4	1	2	....	4
Inverholme	Miss H. N. Honeyman	2nd "	720	133	21	8	13	14.93	7	....	2	2	7
Ladner, 1st Division	G. H. Campbell	1st "	1,800	128½	25	9	16	18.59	....	....	....	....	....
" 2nd "	Mrs. J. M. Hutchison	Temporary	1,140	129½	32	18	14	25.98	....	....	....	....	11
" 3rd "	Miss G. M. Devereaux	"	1,020	129½	33	11	22	27.76	....	....	....	20	13
" 4th "	Miss M. Martin	2nd Class	960	129½	38	20	18	32.67	....	13	12	13	....
" 5th "	Miss D. L. Cook	2nd "	960	110½	32	12	20	24.23	32	....	....	....	....
Scott Road	Miss E. Frew	3rd "	780	133	24	13	11	14.15	7	2	1	6	5
Sunbury	Miss S. T. Mason, L.L.A.	Academic	720	155	27	15	12	15.35	10	4	....	3	5
Trenant	J. E. Condon	2nd Class	840	124½	38	21	17	27.86	7	6	....	5	10
Westham Island	Miss R. I. Weston	1st "	720	127	18	8	10	15.33	4	....	2	5	5
					418	203	215	314.63	100	35	24	93	81
Esquimalt:													
Esquimalt, 1st Division	L. Tait	1st "	2,000	154½	35	17	18	26.55	....	....	....	..	....
" 2nd "	D. J. Anderson	2nd "	1,300	153½	30	17	13	24.46	....	....	....	....	....
" 3rd "	Miss L. M. Knappett	2nd "	1,120	153	29	12	17	24.99	....	....	....	....	....
" 4th "	Miss C. P. MacKinnon	Academic	924	153½	32	16	16	23.57	....	....	....	....	....
" 5th "	Miss P. E. Spragge	1st Class	924	153	43	18	25	27.97	....	....	....	....	43
" 6th "	Miss D. F. Boyden	1st "	924	153½	39	27	12	33.06	....	....	....	....	39
" 7th "	Miss L. Severs	3rd "	900	153	38	20	18	33.98	....	....	....	....	38
" 8th "	Miss M. V. Colbert	3rd "	924	153	36	12	24	28.00	....	....	....	....	36
" 9th "	Miss A. W. Johnson	1st "	924	153	41	19	22	30.51	....	....	12	29	....
" 10th "	Miss D. Mackay	3rd "	924	153	40	19	21	33.38	....	....	....	40	....
" 11th "	Miss E. Collister	3rd "	792	153	42	21	21	32.95	....	12	30	....	....
" 12th "	Miss K. E. Parkinson	2nd "	792	153	40	20	20	32.13	....	40	....	....	....
" 13th "	Miss F. Smith	2nd "	990	153	46	21	25	31.45	12	34	....	....	....
" 14th "	Miss M. T. Morrison	2nd "	924	153	38	18	20	30 71	38	....	....	....	....
" 15th "	Miss J. S. Thomson	1st "	1,056	153	24	20	24	29.80	44	....	....	....	....
Manual Training Inst.	F. Waddington	.....	1.800	....	....	.....	.....	.....	....	....	....	....	....
Domestic Science Inst.	Miss A. Mackinnon	....	990	....	....	.....	.....	.....	....	....	....	....	....
					573	277	296	443.51	94	86	42	69	156
Kent:													
Agassiz, 1st Division	Miss E. A. Mercer, L.L.A	Academic	1,020	165½	38	22	16	31.01	....	....	....	....	....
" 2nd "	W. Blair	Temporary	900	155	43	19	24	33.41	....	....	....	26	17
" 3rd "	Miss M. F. McCorkell	3rd Class	900	164½	34	16	18	27.45	11	8	9	....	....
Harrison Hot Springs	Miss J. M. McLeod	3rd "	720	165½	18	8	10	12.38	3	....	....	4	4
Harrison River	Miss N. A. Sutcliffe	3rd "	720	132	26	14	12	17.76	3	4	4	5	6
McBride	Miss J. M. McCallum	2nd "	780	165½	31	20	11	21.61	5	4	3	5	14
					190	99	91	143.62	28	16	16	40	41
Langley:													
Aldergrove, 1st Div	Miss N. Green	2nd "	960	166½	23	8	15	21.82	....	....	....	....	11
" 2nd "	Miss M. McInnes	3rd "	780	166½	32	15	17	26.53	10	3	6	13	....
County Line	G. K. Sangster	3rd "	1,020	166½	47	29	18	37.02	9	8	6	9	8
Glen Valley	Miss M. H. Hamilton	3rd "	780	166½	35	16	19	23.02	10	...	4	7	8
Glenwood	Miss J. L. Dougherty	3rd "	780	163½	22	15	7	13.79	6	2	5	4	3
Murrayville, 1st Div	Miss F. L. Whitworth	2nd "	900	158½	48	21	27	32.55	....	....	....	....	35
" 2nd "	Miss M. G. Stein	3rd "	900	164	62	30	32	43.65	23	10	16	13	....

SCHOOL-YEAR ENDING JUNE 30TH, 1919—*Continued.*

Number of Pupils in each Reader and in each Subject of Study.																				Amount paid by Government on account of Teachers' Salaries, etc.	Amount paid by District in addition to Expenditure by Government.
Fourth Reader.	Fifth Reader.	Writing, Dictation and Spelling, and Composition.	Arithmetic.	Nature Lessons and Hygiene.	Drawing.	Geography.	Canadian History and British History.	English Grammar.	English Literature.	Physical Exercises.	Manual Training.	Domestic Science (Needlework, etc.).	Music.	Algebra.	Geometry.	Latin.	French.	Physical Science.	Botany.		
																				$ cts.	$ cts.
8	...	25	25	25	25	25	25	25	8	25	....	....	25	....	....	....	....	..	..	4,340 35	3,413 20
....	...	20	20	20	20	2	....	....	....	20	....	....	20	....	....	....	....	..	..	.....	.....
2	...	15	15	15	15	7	4	4	2	15	...	....	.....	....	....	....	....	..	..	.....	.....
6	...	17	17	17	17	15	11	11	6	17	....	....	17	....	....	....	....	..	..	.....	.....
5	...	15	15	15	15	15	12	12	5	15	....	....	15	....	....	....	....	..	..	.....	.....
....	...	31	31	31	31	7	....	....	....	31	....	....	31	....	....	....	....	..	..	.....	.....
1	...	11	11	11	11	5	4	4	1	11	....	....	11	....	....	....	....	..	..	.....	.....
22	...	134	134	134	134	76	56	56	22	134	....	....	119	....	....	....	....	..	..	.....	.....
24	...	38	38	38	38	38	38	38	24	38	....	....	.....	....	....	....	....	..	..	3,915 00	5,120 68
....	...	41	41	41	41	11	....	....	....	41	....	....	.....	....	....	....	....	..	..	.....	.....
5	...	26	26	26	26	17	8	8	5	26	....	....	.....	....	....	....	....	..	..	.....	.....
4	...	10	10	10	10	8	5	5	4	10	....	....	10	....	....	....	....	..	..	.....	.....
4	...	20	20	20	20	13	9	9	4	20	....	....	.....	....	....	....	....	..	..	.....	.....
8	...	35	35	35	35	21	17	17	8	35	....	....	.....	....	....	....	....	..	..	.....	.....
45	...	170	170	170	170	108	77	77	45	170	....	....	10	....	....	....	....	..	..	.....	.....
3	...	14	14	14	14	6	4	4	3	14	....	....	14	....	....	....	....	..	..	10,681 65	14,510 57
1	...	37	37	37	37	24	9	9	1	37	....	....	.....	....	....	....	....	..	..	.....	.....
....	...	25	25	25	25	15	7	7	....	25	4	....	.....	....	....	....	....	..	..	.....	.....
9	...	40	40	40	40	28	14	14	9	40	7	8	.....	....	....	....	....	..	..	.....	.....
3	...	14	14	14	14	7	7	7	3	14	....	....	14	....	....	....	....	..	..	.....	.....
3	...	21	21	21	21	12	10	10	3	21	2	1	21	....	....	....	....	..	..	.....	.....
25	...	25	25	25	25	25	25	25	25	25	9	16	.....	....	....	....	....	..	..	.....	.....
21	...	32	32	32	32	32	32	32	21	32	18	14	.....	....	....	....	....	..	..	.....	.....
....	...	33	33	33	33	33	13	13	....	33	....	....	.....	....	....	....	....	..	..	.....	.....
....	...	38	38	38	38	13	....	....	....	38	....	....	38	....	....	....	....	..	..	.....	.....
....	...	32	32	32	32	....	....	....	....	32	....	....	32	....	....	....	....	..	..	.....	.....
3	...	24	24	24	24	14	8	8	3	24	....	....	.....	....	....	....	....	..	..	.....	.....
5	...	27	27	27	27	13	10	10	5	27	....	....	27	....	....	....	....	..	..	.....	.....
10	...	38	38	38	38	25	20	20	10	38	....	....	.....	....	....	....	....	..	..	.....	.....
2	...	18	18	18	18	12	7	7	2	18	....	....	.....	....	....	....	....	..	..	.....	.....
85	...	418	418	418	418	259	166	166	85	418	40	39	146	....	....	....	....	..	..	.....	.....
35	...	35	35	35	35	35	35	35	35	35	17	18	.....	....	....	....	....	..	..	12,518 35	24,915 10
30	...	30	30	30	30	30	30	30	30	30	17	13	.....	....	....	....	....	..	..	.....	.....
29	...	29	29	29	29	29	29	29	29	29	12	17	.....	....	....	....	....	..	..	.....	.....
32	...	32	32	32	32	32	32	32	32	32	16	16	.....	....	....	....	....	..	..	.....	.....
....	...	43	43	43	43	43	43	43	....	43	18	25	.....	....	....	....	....	..	..	.....	.....
....	...	39	39	39	39	39	39	39	....	39	18	11	39	....	....	....	....	..	..	.....	.....
....	...	38	38	38	38	38	38	38	....	38	....	..	.....	....	....	....	....	..	..	.....	.....
....	...	36	36	36	36	36	36	36	....	36	...	....	.....	....	....	....	....	..	..	.....	.....
....	...	41	41	41	41	29	....	....	....	41	....	....	41	....	....	....	....	..	..	.....	.....
....	...	40	40	40	40	40	....	....	....	40	....	....	40	....	....	....	....	..	..	.....	.....
....	...	42	42	42	42	.....	....	....	....	42	....	....	42	....	....	....	....	..	..	.....	.....
....	...	40	40	40	40	.....	....	....	....	40	....	....	40	....	....	....	....	..	..	.....	.....
....	...	46	46	46	46	.....	....	....	....	46	....	....	46	....	....	....	....	..	..	.....	.....
....	...	38	38	38	38	.....	....	....	....	38	....	....	38	....	....	....	....	..	..	.....	.....
....	...	44	44	44	44	.....	....	....	....	44	....	....	.....	....	....	....	....	..	..	.....	.....
...	...	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	....	.....	....	....	....	....	..	..	.....	.....
....	...	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	....	.....	....	....	....	....	..	..	.....	.....
126	...	573	573	573	573	351	282	282	126	573	98	100	286	....	....	....	....	..	..	.....	.....
38	...	38	38	38	38	38	38	38	38	38	...	....	.....	....	....	....	....	..	..	4,398 35	3,828 00
....	...	43	43	43	43	43	17	17	....	43	....	....	.....	....	....	....	....	..	..	.....	.....
....	...	34	34	34	34	.....	.....	.....	.....	34	....	....	34	....	....	....	....	..	..	.....	.....
7	...	18	18	18	18	15	11	11	7	18	....	....	18	....	....	....	....	..	..	.....	.....
4	...	26	26	26	26	15	10	10	4	26	....	....	.....	....	....	....	....	..	..	.....	.....
....	...	31	31	31	31	19	14	14	...	31	..	....	31	....	....	....	....	..	..	.....	.....
49	...	190	190	190	190	130	90	90	49	190	....	....	83	....	....	....	....	..	..	.....	.....
12	...	23	23	23	23	23	23	23	12	23	....	....	.....	....	....	....	....	..	..	13,427 00	13,175 40
....	...	32	32	32	32	13	....	....	....	32	....	....	.....	....	....	....	....	..	..	.....	.....
7	...	47	47	47	47	24	15	15	7	47	....	....	47	....	....	....	....	..	..	.....	.....
6	...	35	35	35	35	21	14	14	6	35	....	....	35	....	....	....	....	..	..	.....	.....
2	...	22	22	22	22	9	5	5	2	22	...	....	.....	....	....	....	....	..	..	.....	.....
13	...	48	48	48	48	48	48	48	13	48	....	....	.....	....	....	....	....	..	..	.....	.....
....	...	62	62	62	62	13	.....	.....	....	62	....	....	.....	....	....	....	....	..	..	.....	.....

RURAL MUNICIPALITY SCHOOLS.

SCHOOL.	TEACHER.	CERTIFICATE.	Annual Salary.	Days School was in Session.	No. of Pupils enrolled.	Boys.	Girls.	Average Daily Attendance.	First Primer.	Second Primer.	First Reader.	Second Reader.	Third Reader.
Langley—*Concluded.*			$										
Langley, 1st Division	Miss J. D. Forrester,	2nd Class	1,020	166	31	11	20	21.30	....	....	....	....	16
" 2nd "	Miss M. L. Traves	2nd "	840	167	41	26	15	27.42	11	5	11	14	....
" 3rd "	Miss M. E. Coulter	3rd "	(closed)	....	....	....	....	....	....	....	....	....	....
Langley, East	Miss E. A. Jordan	2nd "	780	143	25	15	10	15.43	7	3	2	1	5
Langley Prairie, 1st D.	Miss H. F. Gilley	2nd "	1,020	167	41	26	15	28.48	....	....	....	....	30
" 2nd "	Miss A. E. Smith	2nd "	840	165	50	29	21	38.79	20	9	8	13	....
Langley, West	Miss J. A. Crawford	2nd "	780	167	17	10	7	10.56	6	3	4	2	1
Lochiel	Miss E. M. Potter	2nd "	780	169	18	7	11	10.64	2	1	3	3	8
Milner, 1st Division	Miss C. Wright	3rd "	900	158	23	10	13	18.18	....	....	....	....	8
" 2nd "	Miss M. Blacklock	2nd "	780	159	40	18	22	27.59	19	9	....	12	....
Otter	G. F. Hagelstein	3rd "	780	167	46	20	26	21.77	13	3	7	5	13
Patricia	Miss G. T. Madden	2nd "	780	161½	30	15	15	22.27	5	3	5	3	7
Springbrook	Miss A. O. Mufford	2nd "	780	161	33	18	15	21.59	9	4	6	2	8
					664	339	325	462.40	150	63	83	101	161
Maple Ridge :													
Albion	Miss J. M. Elliott	3rd "	830	167	25	11	14	15.89	8	3	5	6	2
Hammond, 1st Division	Miss M. Elsey	1st "	1,000	166	28	14	14	21.22	....	....	....	....	17
" 2nd "	Miss E. M. Trembath	3rd "	780	170	48	16	32	35.53	13	9	6	20	....
Haney, 1st Div., (Sup.)	J. H. Price	1st "	1,300	173½	25	11	14	16.56	....	....	....	....	....
" 2nd "	Miss O. M. Orr, B.A.	Academic	900	171	31	14	17	23.01	....	....	....	....	17
" 3rd "	Miss O. M. Blake	3rd Class	780	166	44	19	25	28.09	12	9	14	9	....
Lillooet, South	Miss M. I. Dean	1st "	830	163	17	6	11	13.18	5	1	....	2	3
Maple Ridge, 1st Div. (Superior)	J. G. Darling, B.Sc.	Academic	1,200	166	17	6	11	14.19	....	....	....	....	....
Maple Ridge, 2nd Div.	Miss E. A. Robinson	2nd Class	1,000	171	31	16	15	24.37	....	....	....	....	24
" 3rd "	Miss B. Anderson	2nd "	780	171	37	23	14	24.14	18	5	5	9	....
Alex. Robinson, 1st D.	Miss V. Hand	Temporary	1,000	153½	19	9	10	15.61	....	....	....	....	12
" 2nd "	Miss C. L. MacLeod	3rd Class	780	168	33	17	16	22.62	15	6	6	6	....
Ruskin	A. M. Maxwell, B.A.	Academic	900	171	24	14	10	15.28	10	....	1	1	6
Webster's Corners	Miss M. Paterson	3rd Class	830	162	23	13	10	18.19	6	1	4	5	4
Whonnock, 1st Div.	Mrs. E. C. Traunweiser	1st "	1,000	163½	20	10	10	19.42	....	....	....	....	15
" 2nd "	Miss R. V. Hector	2nd "	780	165⅔	25	17	8	17.16	5	5	8	7	....
Manual Training Inst.	C. Illingworth		1,350	....	....	....	....	....	....	....	....	....	....
					447	216	231	324.46	92	39	49	65	100
Matsqui :													
Aberdeen, 1st Division	Miss J. B. McRae	2nd Class	900	176	15	8	7	13.68	....	....	....	....	7
" 2nd "	Miss G. B. Dixon	3rd "	720	175	24	13	11	18.88	4	7	8	5	....
Bradner, 1st Division	N. Auburn	1st "	1,080	184	23	11	12	17.72	....	....	....	....	14
" 2nd "	Miss M. E. Cartwright	3rd "	720	184	26	16	10	16.05	9	5	4	8	....
Clayburn, 1st Division	G. E. Apps	2nd "	900	177½	21	12	9	19.13	....	....	....	....	11
" 2nd "	Miss K. A. Carson	3rd "	720	178	28	14	14	20.35	9	5	6	8	....
Dunach	Miss D. L. Laxton	2nd "	780	179½	23	13	10	11.41	2	1	5	1	8
Glenmore	G. S. Clark	Temp	780	186	29	10	19	21.60	9	2	5	4	2
Matsqui, 1st Division	Miss A. Stewart	1st Class	960	181½	23	12	11	18.50	....	....	....	....	14
" 2nd "	Miss M. E. Paton	2nd "	780	181	30	17	13	21.82	8	2	12	8	....
Mount Lehman, 1st Division (Superior)	Miss G. Forrester, B.A.	Academic	1,120	175	14	9	5	8.63	....	....	....	....	....
Mount Lehman, 2nd D.	Miss Z. M. Manning	3rd Class	720	181½	30	19	11	25.32	3	2	5	7	11
Peardonville	Miss F. B. Eason	3rd "	720	179½	24	12	12	14.31	4	3	2	3	11
Poplar	Miss M. P. Jones	2nd "	720	188	15	7	8	8.55	4	1	2	2	5
Ridgedale, 1st Division	Miss M. O. Carter	1st "	900	179½	22	11	11	17.08	....	....	....	....	8
" 2nd "	Miss L. Owen	3rd "	720	182	30	16	14	17.99	11	3	5	11	....
					377	200	177	271.02	63	31	54	57	97
Mission :													
Ferndale	Miss K. N. G. Apps	2nd "	720	156½	17	11	6	9.54	6	3	3	3	2
Hatzic, 1st Division	Miss J. T. Creelman	2nd "	840	171	26	21	5	20.42	....	....	....	....	13
" 2nd "	Miss A. M. Verchère	3rd "	720	171½	21	10	11	12.62	12	....	5	4	....
Mission, 1st Division	D. M. Moore	2nd "	1,420	157½	47	21	26	31.82	....	....	....	....	....
" 2nd "	Miss Z. K. Topper	2nd "	940	167½	38	18	20	28.40	....	....	....	....	28
" 3rd "	Miss C. E. Murray	1st "	940	167½	44	22	22	30.18	....	....	....	17	27
" 4th "	Miss E. A. Catherwood	3rd "	940	162½	33	21	12	30.49	....	....	11	22	....
" 5th "	Miss M. Portsmouth	2nd "	940	167½	43	27	16	32.04	34	9	....	....	....
Silverdale	Miss H. E. Bates	2nd "	770	174½	34	19	15	24.30	7	3	6	9	5
Silverhill	Miss M. H. Abbott	3rd "	720	158	19	11	8	14.65	6	....	4	4	5
Stave Falls	Miss S. Laxton	3rd "	720	192	13	6	7	8.30	4	2	....	2	3
Stave Gardens	Miss A. Bool	2nd "	720	183½	9	3	6	6.63	6	....	....	1	2
Steelhead	W. A. Stafford	2nd "	720	165	18	7	11	10.41	3	3	3	4	2
					362	197	165	259.89	78	20	32	66	87

SCHOOL-YEAR ENDING JUNE 30TH, 1919—*Continued.*

NUMBER OF PUPILS IN EACH READER AND IN EACH SUBJECT OF STUDY.																				Amount paid by Government on account of Teachers' Salaries, etc.	Amount paid by District in addition to Expenditure by Government.
Fourth Reader.	Fifth Reader.	Writing, Dictation and Spelling, and Composition.	Arithmetic.	Nature Lessons and Hygiene.	Drawing.	Geography.	Canadian History and British History.	English Grammar.	English Literature.	Physical Exercises.	Manual Training.	Domestic Science (Needlework, etc.).	Music.	Algebra.	Geometry.	Latin.	French.	Physical Science.	Botany.	$ cts.	$ cts.
15	...	31	31	31	31	31	31	31	15	31	....	....	....	....	....	....	....	..	..	.....	.....
....	...	41	41	41	41	14	.....	....	....	41	....	....	.....	....	....	....	....	..	..	.....	.....
....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	.....
7	...	25	25	25	25	13	12	12	7	25	....	....	.....	....	....	....	....	..	..	.....	.....
11	...	41	41	41	41	41	41	41	11	41	....	....	.....	....	....	....	....	..	..	.....	.....
...	...	50	50	50	50	13	....	.....	....	50	....	....	50	....	..	....	....	..	..	.....	.....
1	...	17	17	17	17	4	2	2	1	17	....	....	.....	....	....	....	....	..	..	.....	.....
1	...	18	18	18	18	12	9	9	1	18	....	....	.....	....	..	....	....	..	..	.....	.....
15	...	23	23	23	23	23	23	23	15	23	....	....	.....	....	....	....	....	..	..	.....	.....
....	...	40	40	40	40	12	.....	.....	....	40	....	....	.....	....	....	....	....	..	..	.....	.....
5	...	46	46	46	46	23	18	18	5	46	....	....	.....	....	....	....	....	..	..	.....	.....
7	...	30	30	30	30	17	14	14	7	30	....	....	30	....	....	....	....	..	..	.....	.....
4	...	33	33	33	33	14	12	12	4	33	....	....	.....	....	....	....	....	..	..	.....	.....
106	...	664	664	664	664	368	267	267	106	664	....	....	162	....	....	....	....	..	..	.....	.....
1	...	25	25	25	25	9	3	3	1	25	....	....	.....	....	....	....	....	..	..	10,053 35	8,850 15
11	..	28	28	28	28	28	28	28	11	28	14	....	28	....	....	....	....	..	..	.....	.....
....	..	48	48	48	48	20	.....	.....	....	48	....	....	.....	....	....	....	....	..	..	.....	.....
15	10	25	25	15	25	15	25	15	25	25	12	....	.....	10	10	10	6	10	4	.....	.....
14	...	31	31	31	31	31	31	31	14	31	14	....	.....	....	..	....	....	..	..	.....	.....
...	...	44	44	44	44	9	.....	.....	....	44	....	....	.....	....	....	....	....	..	..	.....	.....
6	...	17	17	17	17	11	9	9	6	17	....	....	.....	....	....	....	....	..	..	.....	.....
....	17	17	10	.....	10	4	10	.....	17	17	5	....	.....	17	17	17	8	13	3	.....	.....
7	....	31	31	31	31	31	31	31	7	31	16	....	.....	....	....	....	....	..	..	.....	.....
....	...	37	37	37	37	9	.....	.....	....	37	....	....	.....	....	....	....	....	..	..	.....	.....
7	...	19	19	19	19	19	19	19	7	19	9	10	19	....	....	....	....	..	..	.....	.....
....	...	33	33	33	33	6	.....	.....	....	33	....	....	.....	....	....	....	....	..	..	.....	.....
5	1	24	24	23	24	12	12	11	6	24	11	....	.....	1	....	1	....	..	..	.....	.....
3	...	23	23	23	23	12	7	7	3	23	4	3	.....	....	....	....	....	..	..	.....	.....
5	...	20	20	20	20	20	20	20	8	20	10	9	20	....	....	....	....	..	..	.....	.....
....	...	25	25	25	25	7	.....	.....	....	25	....	....	.....	....	....	....	....	..	..	.....	.....
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	.....
74	28	447	440	419	440	243	195	174	102	447	95	22	67	28	27	28	14	23	7	.....	.....
8	...	15	15	15	15	15	15	15	8	15	....	....	.....	....	..	....	....	..	..	10,880 65	10,631 12
....	...	24	24	24	24	5	.....	.....	....	24	....	....	.....	....	....	....	....	..	..	.....	.....
9	...	23	23	23	23	23	23	23	9	23	....	....	.....	....	....	....	....	..	..	.....	.....
....	...	26	26	26	26	8	.....	.....	....	26	....	....	26	..	....	....	....	..	..	.....	.....
10	...	21	21	21	21	21	21	21	10	21	....	....	.....	....	....	....	....	..	..	.....	.....
....	...	28	28	28	28	8	.....	.....	....	28	....	....	28	....	....	....	....	..	..	.....	.....
6	...	23	23	23	23	15	14	14	6	23	....	....	.....	....	....	....	....	..	..	.....	.....
7	...	29	29	29	29	13	9	9	7	29	....	....	.....	....	....	....	....	..	..	.....	.....
9	...	23	23	23	23	23	23	23	9	23	....	....	.....	....	....	....	....	..	..	.....	.....
....	...	30	30	30	30	8	.....	.....	....	30	....	....	.....	....	....	....	....	..	..	.....	.....
....	14	14	8	.....	8	.....	8	.....	14	14	....	....	.....	14	14	14	8	..	6	.....	.....
2	...	30	30	30	30	20	13	13	2	30	....	....	.....	....	....	....	....	..	..	.....	.....
1	...	24	24	24	24	15	12	12	1	24	....	11	24	....	....	....	....	..	..	.....	.....
1	...	15	15	15	15	8	6	6	1	15	....	....	.....	....	....	....	....	..	..	.....	.....
14	...	22	22	22	22	22	22	22	14	22	....	....	.....	....	....	....	....	..	..	.....	.....
....	...	30	30	30	30	11	.....	.....	....	30	....	....	.....	....	....	....	....	..	..	.....	.....
67	14	377	371	363	371	215	166	158	81	377	....	11	78	14	14	14	8	..	6	.....	.....
....	...	17	17	17	17	5	2	2	....	17	....	....	.....	....	....	....	....	..	..	10,657 50	11,923 71
13	...	26	26	26	26	26	26	26	13	26	21	5	26	....	....	....	....	..	..	.....	.....
....	...	21	21	21	21	4	.....	.....	....	21	....	....	21	....	....	....	....	..	..	.....	.....
47	...	47	47	47	47	47	47	47	47	47	21	26	.....	....	....	....	....	..	..	.....	.....
10	...	38	38	38	38	38	38	38	10	38	18	20	.....	....	....	....	....	..	..	.....	.....
....	...	44	44	44	44	44	27	27	....	44	....	....	44	....	....	....	....	..	..	.....	.....
....	...	33	33	33	33	22	.....	.....	....	33	....	....	33	....	....	....	....	..	..	.....	.....
....	...	43	43	43	43	...	.....	.....	....	43	....	....	.....	....	....	....	....	..	..	.....	.....
4	.	34	34	34	34	18	9	9	4	34	12	12	.....	....	....	....	....	..	..	.....	.....
....	...	19	19	19	19	9	5	5	....	19	....	....	.....	....	....	....	....	..	..	.....	.....
2	...	13	13	13	13	7	5	5	2	13	....	....	.....	....	....	....	....	..	..	.....	.....
....	...	9	9	9	9	3	2	2	....	9	....	....	9	....	....	....	....	..	..	.....	.....
3	...	18	18	18	18	9	5	5	3	18	....	....	18	....	....	....	....	..	..	.....	.....
79	...	362	362	362	362	232	166	166	79	362	72	63	151	....	....	....	....	..	..	.....	.....

RURAL MUNICIPALITY SCHOOLS.

SCHOOL.	TEACHER.	CERTIFICATE.	Annual Salary.	Days School was in Session.	No. of Pupils enrolled.	Boys.	Girls.	Average Daily Attendance.	First Primer.	Second Primer.	First Reader.	Second Reader.	Third Reader.
Oak Bay:			$										
Monterey Ave., 1st Div.	F. G. Dexter	1st Class	2,250	143½	29	12	17	22.46	....	....	....	....	....
" 2nd "	Miss I. Cathcart	2nd "	1,500	143½	42	16	26	36.35	....	....	....	....	....
" 3rd "	Miss M. E. Bailey	2nd "	1,100	143½	36	18	18	27.37	....	....	....	....	36
" 4th "	Miss E. A. Suttaby	1st "	1,100	143½	35	18	17	30.87	....	....	....	....	35
" 5th "	Mrs. L. White	3rd "	1,000	143½	33	12	21	30.69	....	....	....	....	33
" 6th "	Mrs. A. V. Wollaston	2nd "	950	143½	51	28	23	36.46	....	....	11	40	....
" 7th "	Miss E. C. Howard	2nd "	780	143½	31	19	12	25.25	....	14	17	....	....
" 8th "	Miss A. B. Cooke	2nd "	1,100	143½	66	39	27	40.94	45	21	....	....	....
Willows, 1st Division	W. E. Hoadley	1st "	2,250	132	34	16	18	27.31	....	....	....	....	....
" 2nd "	Miss M. K. McGillivray	2nd "	1,100	133	26	13	13	17.31	....	....	....	....	26
" 3rd "	Miss M. A. Dunn	2nd "	950	133	38	17	21	31.54	....	....	....	15	23
" 4th "	Miss A. M. Brown	2nd "	950	133	32	14	18	31.11	....	....	14	18	....
" 5th "	Miss L. Rhodes	2nd "	1,100	133	40	21	19	35.53	30	10	....	....	....
					493	243	250	393.19	75	45	42	73	153
Peachland:													
Peachland, 1st Division	B. F. McLeod, B.A	Academic	1,500	161	34	19	15	33.19	....	....	....	....	....
" 2nd "	Miss B. E. Young	Temporary	960	33	25	13	12	23.50	....	....	....	11	14
" 3rd "	Miss H. Roy	1st Class	960	177	25	15	10	24.75	10	4	7	4	....
Trepanier	G. C. Sheldon	Temporary	840	149½	15	8	7	13.75	1	1	2	3	6
					99	55	44	95.19	11	5	9	18	20
Penticton:													
Ellis, 1st Division	A. S. Matheson	1st Class	1,680	166	27	15	12	20.87	....	....	....	....	....
" 2nd "	Miss M. K. Currie	1st "	1,080	162	35	14	21	28.47	....	....	....	....	....
" 3rd "	Miss E. McLachlan	1st "	1,020	149	40	18	22	34.75	....	....	....	....	40
" 4th "	G. S. Wilson	2nd "	840	160	37	26	11	32.13	....	....	....	..	37
" 5th "	Miss M. R. Layton	2nd "	840	162	40	19	21	35.97	....	....	....	....	40
" 6th "	Miss H. Frame	2nd "	960	159	44	21	23	35 48	....	....	....	44	....
" 7th "	Miss M. A. Offerhaus	2nd "	960	159	42	24	18	33.11	....	....	20	22	....
" 8th "	Miss C. D. Pitblado, L.L.A.	Academic	1,020	159	40	20	20	34.42	....	25	15	....	....
" 9th "	Miss E. G. McLeod	2nd Class	840	162	41	21	20	28.47	41	..	....	....	....
" 10th "	Miss I. A. H. Huntley	2nd "	960	157	41	21	20	34.77	41	....	....	....	....
" 11th "	Miss D. Nesbitt	1st "	840	98	40	19	21	33.93	....	....	....	17	23
Poplar Grove	Miss C. M. Kinney	2nd "	780	168½	21	6	15	14.92	2	2	....	5	6
Manual Training Inst.	C. Baker		1,800	....	....	....	....	....	....	....	....	..	....
Domestic Science Inst.	Miss A. M. McFarlane			....	....	....	....	....	....	....	....	....	....
					448	224	224	367.29	84	27	35	88	146
Pitt Meadows:													
Pitt Meadows	Miss E. M. Lyness	2nd Class	900	126	34	18	16	27.73	9	3	....	2	11
Richardson	Miss E. Cuffin	3rd "	780	125½	19	9	10	12.09	6	1	2	6	3
					53	27	26	39.82	15	4	2	8	14
Point Grey:													
Kerrisdale, 1st Division	Miss E. B. Park	2nd "	2,070	160½	34	22	12	29.11	....	....	....	....	....
" 2nd "	H. E. Patterson	1st "	2,139	160½	39	13	26	35.91	....	....	....	....	39
" 3rd "	Miss M. V. Climie	3rd "	936	160½	35	18	17	33.23	....	....	....	....	35
" 4th "	Miss H. M. Smith	2nd "	1,368	98	30	15	15	27.64	....	....	....	30	....
" 5th "	Miss C. Anderson	3rd "	1,224	160½	39	25	14	32.85	....	16	23	....	....
" 6th "	Miss A. Renwick	2nd "	936	160½	41	18	23	32.66	41	....	....	....	....
Lord Kitchener, 1st D.	P. C. Feast	2nd "	1,800	161	30	16	14	22.70	....	....	....	....	12
" 2nd "	Mrs. L. M. Hicks	3rd "	936	160½	37	17	20	28.19	....	....	....	5	32
" 3rd "	Miss J. M. McDonald	3rd "	1,080	160½	46	30	16	36.25	19	7	13	7	....
Magee, 1st Division	W. McDonagh	1st "	2,139	160½	53	21	32	42.50	....	....	....	....	....
" 2nd "	Miss J. E. Gillis	3rd "	1,008	160½	41	18	23	28.03	....	....	....	....	41
" 3rd "	Miss F. A. McQueen	2nd "	936	160½	42	25	17	31.04	....	....	....	23	19
" 4th "	Miss M. C. Honeyman	2nd "	1,008	160½	41	22	19	30.24	....	12	19	10	....
" 5th "	Miss M. Fessant	2nd "	1,080	160½	37	16	21	28.64	37	....	....	....	....
Marpole, 1st Division	B. E. Harvey	1st "	2,139	160½	33	22	11	31.01	....	....	....	....	....
" 2nd "	Miss J. Abernethy, B.A.	Academic	1,008	160½	29	15	14	25.53	....	....	....	....	....
" 3rd "	Miss M. Grant	1st Class	1,224	160½	47	20	27	37.03	....	....	....	....	47
" 4th "	Miss A. E. Baxter	3rd "	936	160½	42	22	20	39.00	....	....	....	....	42
" 5th "	Miss J. Porter	1st "	1,224	157½	37	22	15	33.23	....	....	....	37	....
" 6th "	Miss M. K. Cameron	3rd "	1,080	160½	38	25	13	35.75	....	18	20	....	....
" 7th "	Miss H. M. Buckerfield	2nd "	1,224	160½	52	34	18	36.48	52	....	....	....	....
Queen Mary, 1st Div.	A. W. Brown, B.A.	Academic	2,139	160	25	11	14	24.74	....	....	....	....	....
" 2nd "	Miss I. Bolton	2nd Class	1,080	160½	38	17	21	33.94	....	....	....	....	21
" 3rd "	Miss A. L. Pirie	2nd "	1,008	161	46	22	24	38.46	....	....	....	....	46
" 4th "	Miss L. M. Simpson	1st "	1,152	161	40	18	22	34.02	....	....	15	25	....
" 5th "	Miss A. C. Russell	2nd "	1,224	160½	38	20	18	34.90	17	21	....	....	....
" 6th "	Miss M. D. Waugh	2nd "	936	98	29	17	12	23.04	29	....	....	....	....
Shaughnessy, 1st Div.	C. H. Gray	1st "	2,208	161	26	16	10	22 67	....	....	....	....	....
" 2nd "	Miss E. MacKenzie	1st "	1,440	161	35	21	14	31.55	....	....	....	....	....

SCHOOL-YEAR ENDING JUNE 30TH, 1919—*Continued.*

NUMBER OF PUPILS IN EACH READER AND IN EACH SUBJECT OF STUDY.																							
Fourth Reader.	Fifth Reader.	Writing, Dictation and Spelling, and Composition.	Arithmetic.	Nature Lessons and Hygiene.	Drawing.	Geography.	Canadian History and British History.	English Grammar.	English Literature.	Physical Exercises.	Manual Training.	Domestic Science (Needlework, etc.).	Music.	Algebra.	Geometry.	Latin.	French.	Physical Science.	Botany.	Amount paid by Government on account of Teachers' Salaries, etc.	Amount paid by District in addition to Expenditure by Government.
																				$ cts.	$ cts.
29	...	29	29	29	29	29	29	29	29	29	...	....	29	...	...	...	.	..	..	11,261 65	31,350 22
42	...	42	42	42	42	42	42	42	42	42	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	36	36	36	36	36	36	36	....	36	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	35	35	35	35	35	35	35	....	35	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	33	33	33	33	33	33	33	....	33	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	51	51	51	51	40	.....	.....	....	51	....	....	51	....	...	...	...	..	..	.....	.....
....	...	31	31	31	31	.....	.....	.....	....	31	....	....	31	....	...	...	...	..	..	.....	.....
....	...	66	66	66	66	.....	.....	.....	....	66	....	....	.....	....	...	...	...	..	..	.....	.....
34	...	34	34	34	34	34	34	34	34	34	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	26	26	26	26	26	26	26	....	26	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	38	38	38	38	38	23	23	....	38	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	32	32	32	32	18	.....	.....	....	32	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	40	40	40	40	.....	.....	.....	....	40	....	....	.....	....	...	...	...	..	..	.....	.....
105	...	493	493	493	493	331	258	258	105	493	....	....	111	....	...	...	...	..	..	.....	.....
34	...	34	34	34	34	34	34	34	34	34	....	....	.....	....	...	...	...	..	..	2,548 90	3,452 89
....	...	25	25	25	25	25	14	14	....	25	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	25	25	25	25	4	.....	.....	....	25	....	....	.....	....	...	...	...	..	..	.....	.....
2	...	15	15	15	15	11	8	8	2	15	....	....	.....	....	...	...	...	..	..	.....	.....
36	...	99	99	99	99	74	56	56	36	99	....	....	.....	....	...	...	...	..	..	.....	.....
27	...	27	27	27	27	27	27	27	27	27	15	12	.....	....	...	...	...	..	..	9,715 00	15,863 35
35	...	35	35	35	35	35	35	35	35	35	14	21	.....	....	...	...	...	..	..	.....	.....
....	...	40	40	40	40	40	40	40	....	40	18	22	.....	....	...	...	...	..	..	.....	.....
.	...	37	37	37	37	37	37	37	....	37	11	5	....	....	...	...	...	..	..	.....	.....
...	...	40	40	40	40	40	40	40	....	40	....	....	40	....	...	...	...	..	..	.....	.....
...	...	44	44	44	44	44	.....	.....	....	44	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	42	42	42	42	22	.....	.....	....	42	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	40	40	40	40	.....	.....	.....	....	40	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	41	41	41	41	.....	.....	.....	....	41	....	....	41	....	...	...	...	..	..	.....	.....
....	...	41	41	41	41	.....	.....	.....	....	41	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	40	40	40	40	40	23	23	...	40	....	....	.....	....	...	...	...	..	..	.....	.....
6	...	21	21	21	21	17	12	12	6	21	2	5	.....	....	...	...	...	..	..	.....	.....
....	...	.....	.....	.....	.....	.....	.....	.....	....	.....	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	.....	.....	.....	.....	.....	.....	.....	....	.....	....	....	.....	....	...	...	...	..	..	.....	.....
68	...	448	448	448	448	302	214	214	68	448	60	65	81	....	..	...	...	..	..	.....	.....
9	...	34	34	34	34	22	20	20	9	34	....	....	34	....	...	...	...	..	..	1,256 70	1,109 53
1	...	19	19	19	19	10	4	4	1	19	....	....	.....	....	...	...	...	..	..	.....	.....
10	...	53	53	53	53	32	24	24	10	53	....	....	34	...	...	...	.	..	..	.....	.....
34	...	34	34	34	34	34	34	34	34	34	22	12	....	....	...	...	...	..	..	27,501 70	79,468 92
....	...	39	39	39	39	39	3	39	....	39	13	26	39	....	...	...	...	..	..	.....	.....
....	...	35	35	35	35	35	35	35	....	35	18	17	35	....	...	...	...	..	..	.....	.....
....	...	30	30	30	30	30	.....	.....	....	30	.	....	30	....	...	...	...	..	..	.....	.....
....	...	39	39	39	39	.....	.....	.....	....	39	....	....	39	....	...	...	...	..	..	.....	.....
....	...	41	41	41	41	.....	.....	.....	....	41	....	....	.....	....	...	...	...	..	..	.....	.....
18	...	30	30	30	30	30	30	30	18	30	16	14	.....	....	...	...	...	..	..	.....	.....
....	...	37	37	37	37	37	32	32	....	37	17	20	37	....	...	...	...	..	..	.....	.....
....	...	46	46	46	46	7	.....	.....	....	46	....	....	46	....	...	...	...	..	..	.....	.....
53	...	53	53	53	53	53	53	53	53	53	21	32	.....	....	...	...	...	..	..	.....	.....
....	...	41	41	41	41	41	41	41	....	41	18	23	41	....	...	...	...	..	..	.....	.....
....	...	42	42	42	42	42	19	19	....	42	....	....	42	....	...	...	...	..	..	.....	.....
.	...	41	41	41	41	10	.....	.....	....	41	....	...	41	....	...	...	...	..	..	.....	.....
....	...	37	37	37	37	.....	.....	.....	....	37	....	....	37	....	...	...	...	..	..	.....	.....
33	...	33	33	33	33	33	33	33	33	33	22	11	.....	....	...	...	...	..	..	.....	.....
29	...	29	29	29	29	29	29	29	29	29	15	14	29	....	...	...	...	..	..	.....	.....
....	...	47	47	47	47	47	47	47	...	47	20	27	47	....	...	...	...	..	..	.....	.....
....	...	42	42	42	42	42	42	42	....	42	22	20	42	....	...	...	...	..	..	.....	.....
....	...	37	37	37	37	37	.....	.....	....	37	....	....	37	....	...	...	...	..	..	.....	.....
....	...	38	38	38	38	.....	.....	.....	....	38	....	....	.....	....	...	...	...	..	..	.....	.....
....	...	52	52	52	52	.....	.....	.....	....	52	....	....	52	....	...	...	...	..	..	.....	.....
25	...	25	25	25	25	25	25	25	25	25	11	14	.....	....	...	...	...	..	..	.....	.....
17	...	38	38	38	38	38	38	38	17	38	17	21	38	....	...	...	...	..	..	.....	.....
...	...	46	46	46	46	46	46	46	....	46	22	24	46	....	...	...	...	..	..	.....	.....
....	...	40	40	40	40	25	.....	.....	....	40	....	....	40	....	...	...	...	..	..	.....	.....
....	...	38	38	38	38	.....	.....	.....	....	38	....	....	38	....	...	...	...	..	..	.....	.....
....	...	29	29	29	29	.....	.....	.....	....	29	....	....	29	....	...	...	...	..	..	.....	.....
26	...	26	26	26	26	26	26	26	26	26	16	10	.....	....	...	...	...	..	..	.....	.....
35	...	35	35	35	35	35	35	35	35	35	21	14	35	....	...	...	...	..	..	.....	.....

RURAL MUNICIPALITY SCHOOLS.

SCHOOL.	TEACHER.	CERTIFICATE.	Annual Salary.	Days School was in Session.	No. of Pupils enrolled.	Boys.	Girls.	Average Daily Attendance.	First Primer.	Second Primer.	First Reader.	Second Reader.	Third Reader.
Point Grey—*Concluded.*			$										
Shaughnessy, 3rd Div.	Miss E. L. Chaster	2nd Class	1,008	161	40	26	14	35.04	....	....	....	....	40
" 4th "	Miss N. L. Carson	2nd "	1,008	161	42	23	19	36.96	....	....	....	....	42
" 5th "	Miss E. M. Laxton	2nd "	1,224	161	48	22	26	40.24	....	....	....	48	....
" 6th "	Miss E. J. Carlisle	3rd "	1,080	161	47	29	18	34.40	6	23	18	....	....
" 7th "	Miss H. M. Hesson	2nd "	1,368	160½	49	24	25	36.76	49	....	....	....	....
Manual Training Inst.	T. H. Dodson		1,800	....	....	....	....	....	....	....	....	....	....
"	J. W. Parker		1,584	....	....	....	....	....	....	....	....	....	....
Domestic Science Inst.	Miss I. McKay		1,512	....	....	....	....	....	....	....	....	....	....
"	Miss E. Steven		1,411	....	....	....	....	....	....	....	....	....	....
Music	Miss A. C. Sumner		1,440	....	....	....	....	....	....	....	....	....	....
					1326	702	624	1103.74	250	97	108	185	416
Richmond:													
Bridgeport, 1st Div.	Miss K. McNeely	2nd Class	1,650	162	28	12	16	20.68	....	....	....	....	....
" 2nd "	Miss H. Estabrook, B.A.	Academic	1,056	160	44	19	25	33.97	....	....	....	....	....
" 3rd "	Miss P. L. McKay	2nd Class	924	160	32	15	17	31.36	....	....	....	....	32
" 4th "	Miss E. Smith	2nd "	780	160	26	19	7	25.30	....	....	....	8	18
" 5th "	Miss M. Hodge	1st "	960	160	39	27	12	31.36	....	10	15	14	....
" 6th "	Miss J. M. McMyn	3rd "	924	156	48	28	20	32.64	48	....	....	....	....
" 7th "	Miss R. Laing	2nd "	936	41	30	13	17	27.33	....	....	....	....	30
English, 1st Division	Mrs. B. McColl	1st "	924	156	28	15	13	20.05	....	....	....	....	18
" 2nd "	Miss M. Hartin	2nd "	858	156	28	15	13	18.78	6	5	8	9	....
Lulu	H. Bayley	1st "	990	157	16	11	5	11.59	5	1	2	2	4
Mitchell	Miss M. E. Elder	3rd "	780	158	37	23	14	24.42	14	4	2	2	15
Steveston, 1st Division	Miss M. I. Crawford	2nd "	1,320	160	54	29	25	33.28	....	....	....	28	26
" 2nd "	Miss L. M. Marshall	3rd "	990	160	47	34	13	29.52	16	5	26	....	....
Trites	Miss G. E. McMyn	3rd "	780	151	22	13	9	17.39	5	3	1	3	5
Manual Training Inst.	A. Cantell		1,443 20	....	....	....	....	....	....	....	....	....	....
					479	273	206	357.67	94	28	54	66	148
Saanich:													
Cedar Hill, 1st Division	Miss N. Jones	2nd Class	1,215	142	26	11	15	23.29	....	....	....	....	....
" 2nd "	Miss E. Creeden	2nd "	875	142	32	18	14	24.56	....	....	....	....	32
" 3rd "	Miss J. V. Bruskey	Academic	950	142	44	22	22	23.12	15	4	13	12	....
Cloverdale, 1st Division	Miss B. Alward	1st Class	1,485	137½	41	17	24	33.39	....	....	....	....	26
" 2nd "	Miss G. Ledingham	3rd "	1,025	137½	44	20	24	36.13	....	....	....	21	23
" 3rd "	Miss M. A. Irvine	2nd "	975	137½	42	14	28	31.96	....	....	27	15	....
" 4th "	Miss R. Jones	1st "	875	137½	60	30	30	42.51	35	25	....	....	....
Craigflower, 1st Div.	Miss M. J. Ozard	1st "	1,365	142	26	10	16	21.62	....	....	....	....	....
" 2nd "	Miss L. J. Sangster	1st "	875	142	49	31	18	34.03	....	....	....	19	30
" 3rd "	Miss F. E. Perry	3rd "	1,025	142	38	21	17	29.44	20	....	18	....	....
Gordon Head, 1st Div.	Miss C. E. Williams	2nd "	1,050	127	20	7	13	14.98	....	....	....	....	8
" 2nd "	Miss E. A. Stewart	1st "	800	127	19	9	10	15.48	6	1	5	7	....
Keating, 1st Division	Mrs. A. C. Wright	2nd "	1,200	131½	27	11	16	18.92	....	....	....	....	17
" 2nd "	Miss E. M. Armstrong	2nd "	800	131	37	16	21	23.03	17	....	9	11	....
Model, 1st Division	Miss K. Scanlan	2nd "	1,620	151½	39	20	19	32.10	....	....	....	....	25
" 2nd "	Miss I. M. F. Barron	2nd "	1,200	151½	45	24	21	34.09	6	7	12	20	....
MacKenzie Ave., 1st D.	J. O. Welch	1st "	1,410	138	24	10	14	19.26	....	....	....	....	....
" 2nd "	Miss M. P. Kinnaird	1st "	900	138	35	16	19	28.75	....	....	....	....	35
" 3rd "	Miss M. MacKinnon	3rd "	825	138	35	16	19	27.51	....	....	22	13	....
" 4th "	Miss H. Ballantyne	Academic	875	138	43	25	18	37.17	24	19	....	....	....
North Dairy, 1st Div.	Miss N. Berton	2nd Class	1,365	142	12	4	8	11.90	....	....	....	....	....
" 2nd "	Miss M. K. Offerhaus	2nd "	1,025	142	20	18	2	14.24	....	....	....	5	15
" 3rd "	Miss J. E. Dunnett	2nd "	875	142	28	12	16	22.63	14	7	....	7	....
Prospect Lake	Miss M. V. Bradshaw	2nd "	1,050	141½	23	12	11	18.94	3	1	....	7	7
Royal Oak, 1st Div.	Miss M. E. J. Reid	2nd "	1,050	142	31	17	14	22.15	....	....	....	....	19
" 2nd "	Miss M. Beattie	Academic	800	142	28	19	9	17.67	16	1	4	7	....
Saanichton, 1st Div.	Miss A. Sjolander	2nd Class	1,050	142	17	5	12	14.13	....	....	....	....	11
" 2nd "	Miss E. C. Shaw	2nd "	875	142	20	10	10	15.94	9	3	4	4	....
Saanich, West, 1st Div.	Miss M. C. Bissett	2nd "	1,125	143	24	13	11	20.08	....	....	....	....	12
" 2nd "	Miss J. E. Anderson	2nd "	875	142	32	17	15	26.18	10	8	5	9	....
Strawberry Vale, 1st D.	Miss E. R. Sparling	2nd "	1,050	142	34	15	19	24.74	....	....	....	8	13
" 2nd "	Miss J. D. Brydon	3rd "	875	142	53	26	27	36.71	26	8	4	15	....
Tillicum Road, 1st Div.	W. O'Neill	1st "	1,485	142	26	9	17	19.27	....	....	....	....	....
" 2nd "	Mrs. M. C. Wilkinson	1st "	750	142	40	18	22	32.99	....	....	....	....	40
" 3rd "	Miss M. B. Lehman	2nd "	825	142	46	25	21	34.64	....	....	21	25	....
" 4th "	Mrs. A. W. Hume	3rd "	1,025	142	46	22	24	38.52	31	....	15	....	....
Tolmie, 1st Division	J. O'Neill	1st "	1,965	140½	26	9	17	20.95	....	....	....	....	....
" 2nd "	Miss M. E. Logan	1st "	1,125	137½	23	10	13	17.68	....	....	....	....	....
" 3rd "	Miss E. M. Beane	2nd "	1,075	140½	27	14	13	23.30	....	....	....	....	....
" 4th "	Miss A. C. Main	3rd "	1,025	140½	37	15	22	30.46	....	....	....	....	37
" 5th "	Miss V. A. Harman	Academic	950	140½	29	13	16	23.10	....	....	....	....	29
" 6th "	Miss M. G. Service	2nd Class	875	140½	29	17	12	22.82	....	....	....	....	29
" 7th "	Miss N. I. Crawford	2nd "	750	140½	47	28	19	36.29	....	....	....	47	....

SCHOOL-YEAR ENDING JUNE 30TH, 1919—*Continued.*

| NUMBER OF PUPILS IN EACH READER AND IN EACH SUBJECT OF STUDY. | | |

RURAL MUNICIPALITY SCHOOLS.

SCHOOL.	TEACHER.	CERTIFICATE.	Annual Salary.	Days School was in Session.	No. of Pupils enrolled.	Boys.	Girls.	Average Daily Attendance.	First Primer.	Second Primer.	First Reader.	Second Reader.	Third Reader.
Saanich—*Concluded.*			$										
Tolmie, 8th Division	Miss E. Haddow	2nd Class	750	140½	44	16	28	34.49	....	....	44	....	....
" 9th "	Miss A. E. Carne	3rd "	750	125½	33	19	14	25.74	....	33	....	....	....
" 10th "	Miss M. Corbett	2nd "	750	125½	34	20	14	26.56	34	....	....	....	....
" 11th "	Miss N. L. Dill	2nd "	825	125½	49	21	28	35.49	49	....	....	....	....
Manual Training Inst.	L. A. Campbell		1,965	....	....	....	....	....	....	....	....	....	....
					1584	772	812	1218.95	315	117	203	252	408
Salmon Arm:													
Broadview	Miss V. G. Halfpenny	2nd Class	780	158	24	15	9	18.39	15	4	1	1	3
Canoe Creek, North	Miss L. E. Ivens	3rd "	840	156½	43	13	30	31.51	5	7	2	7	10
Canoe Creek, South	Miss R. Johnston	2nd "	840	140	29	12	17	15.58	2	5	2	3	10
Gleneden	Miss F. McDiarmid	2nd "	840	157	37	20	17	28.77	6	5	....	4	15
Mount Ida	Miss A. E. Scales	1st "	840	158	20	9	11	15.68	2	2	....	1	5
Salmon Arm, W., 1st D.	Miss J. E. Smith	2nd "	780	153	21	10	11	14.99	....	....	....	....	10
" 2nd "	Miss L. A. Raby	2nd "	960	158	40	19	21	28.73	13	2	12	13	....
					214	98	116	153.65	43	25	17	29	53
Spallumcheen:													
Bennett	Miss G. B. Ilsley, B.A.	Academic	900	151½	21	6	15	15.00	6	....	2	4	4
Hullcar	Miss M. M. S. Taylor	2nd Class	850	155	20	13	7	14.27	2	3	2	4	5
Knob Hill	Miss L. A. Inglis	2nd "	850	155	25	14	11	19.99	4	3	2	5	2
Lansdowne	H. Murray	2nd "	950	77	8	3	5	7.81	2	1	1	3	1
Larkin	Miss E. G. Corson	2nd "	900	155	21	13	8	13.53	12	1	1	3	2
Mountain View	Miss E. A. O'Hearn	3rd "	900	156	9	....	9	8.00	2	....	3	1	3
Otter Lake	Miss M. C. Gyves	3rd "	900	155½	25	12	13	18.81	2	....	6	6	5
Pleasant Valley	Miss A. R. Graham	3rd "	950	148½	27	16	11	17.08	11	....	2	6	4
					156	77	79	114.49	41	8	19	32	26
Sumas:													
Huntingdon, 1st Div.	Miss B. Elderkin, B.A.	Academic	1,080	180½	26	12	14	22.22	....	....	....	....	13
" 2nd "	Miss G. W. Franklin	2nd Class	720	177	21	9	12	13.47	5	5	4	3	4
Kilgard	Miss F. E. Lawrence	2nd "	720	194½	23	14	9	13.86	10	....	4	....	6
Musselwhite	Miss G. Harrison	3rd "	780	168	27	21	6	18.68	4	2	4	2	13
Straiton	Miss E. C. Cook	3rd "	720	169½	16	9	7	7.69	6	....	....	3	3
Sumas, Upper	Miss M. I Fadden	2nd "	780	164	17	6	11	14.40	4	2	3	....	8
					130	71	59	90.32	29	9	15	8	47
Summerland:													
Central, 1st Division	S. A. MacDonald	1st Class	1,500	165	26	12	14	28.82	....	....	....	....	....
" 2nd "	Miss L. Wolfenden	1st "	1,020	165	48	23	25	42.07	....	....	....	....	21
" 3rd "	Mrs. M. Beer	2nd "	960	165	34	14	20	27.92	....	....	....	21	13
" 4th "	Miss M. E. Brown	2nd "	960	163	50	25	25	31.29	28	5	17	....	....
" 5th "	Miss J. E. Nicholson	2nd "	840	165	29	13	7	16 60	7	4	1	6	2
" 6th "	Miss M. M. MacDonald	2nd "	840	106	32	15	17	21.31	....	....	....	....	32
" 7th "	Miss A. R. Dale	1st "	780	165	18	13	5	12 37	1	....	....	6	7
Trout Creek	Miss M. Harrison	3rd "	780	167	16	6	10	13.32	7	1	....	8	....
Manual Training Inst.	C. Baker		....	....	....	....	....	....	....	....	....	....	....
					244	121	123	193.70	43	10	18	41	75
Surrey:													
Anniedale	Miss A. Robinson	2nd Class	840	128¾	20	11	9	12.73	6	2	2	1	6
Clayton	Miss M. A. Mann	3rd "	780	172½	24	11	13	13.69	1	2	3	1	12
Cloverdale, 1st D. (Sup.)	R. H. L. Girling, B.A.	Academic	1,440	148½	15	2	13	12.02	....	....	....	....	....
" 2nd "	Miss B. M. Gibson	3rd Class	960	153½	30	12	18	25.14	....	....	....	....	....
" 3rd "	Miss R. I. Elliott	3rd "	900	159	45	19	26	32.16	....	....	....	15	30
" 4th "	Miss L. G. Davis	2nd "	960	153	31	13	18	24.74	17	5	9	....	....
Crescent Beach	Miss G. E. M. Hardacre	3rd "	840	163	22	14	8	12.75	6	3	3	5	3
Hall's Prairie, 1st Div.	Mrs. J. Lewis	Temporary	900	173	33	18	15	14.52	....	....	....	....	12
" 2nd "	Miss M. E. Philps	1st Class	840	173	28	12	16	17.58	7	10	....	11	....
Hjorth Road	Miss W. C. Henderson	2nd "	780	44½	9	7	2	7.87	4	2	1	1	1
Johnston Road	Miss J Herd	3rd "	840	171½	41	24	17	29.76	8	9	7	4	11
Kensington, East	Miss E. Robinson	3rd "	780	157	21	12	9	9.35	7	1	2	2	3
Kensington Prairie,													
" 1st Div.	W. M. Keatley	Academic	840	171½	24	14	10	13.62	....	....	....	....	16
" 2nd Div.	Miss B. Crowe	1st Class	780	172	19	10	9	13.59	7	4	....	8	....
Mud Bay	Miss M. K. Graham	2nd "	780	169½	26	16	10	13.00	4	2	4	8	4
Newton	Miss J. S. Bryson	2nd "	780	163	29	14	15	20.08	11	....	4	4	7
Port Mann	Miss L. Jenkins	2nd "	780	175	17	6	11	10.37	6	3	1	2	3
Springdale	Miss B. M. E. Campbell	3rd "	840	172½	39	23	16	21.24	7	1	4	9	10
Strawberry Hill	Miss E. W. Gregory	2nd "	840	171½	34	18	16	22.65	10	3	1	5	12
Surrey Centre	Miss J. F. Muir	3rd "	780	161	19	11	8	15.13	4	3	4	2	6
Tynehead	Miss I. Crowe	2nd "	780	173	25	16	9	16.35	3	1	4	2	9
Westminster, South	Miss E. M. Ray	3rd "	840	173	39	22	17	21.57	6	....	4	5	9

SCHOOL-YEAR ENDING JUNE 30TH, 1919—*Continued.*

| NUMBER OF PUPILS IN EACH READER AND IN EACH SUBJECT OF STUDY. | | |

RURAL MUNICIPALITY SCHOOLS.

SCHOOL.	TEACHER.	CERTIFICATE.	Annual Salary.	Days School was in Session.	No. of Pupils enrolled.	Boys.	Girls.	Average Daily Attendance.	First Primer.	Second Primer.	First Reader.	Second Reader.	Third Reader.
			$										
Surrey—*Concluded.*													
White Rock, 1st Div...	Mrs. A. L. Thompson ...	3rd Class	840	153	24	9	15	22.77	....	....	....	....	1
" 2nd " ..	Miss L. E. M. Collier....	2nd "	900	153	37	19	18	30.38	....	....	....	23	14
" 3rd " ..	Miss I. M. Addison.....	3rd "	780	59	26	12	14	21.97	17	4	5	....	....
					677	345	332	455.03	131	55	58	108	169
Vancouver, North:													
Capilano, 1st Division..	R. D. Affleck	Temporary ..	1,020	168	29	15	14	24.54	....	....	....	....	15
" 2nd " ..	Miss M. L. Bulmer	3rd Class	870	167	24	10	14	18.93	13	1	6	4	....
Keith Lynn, 1st Div ..	Miss M. McCoy	1st "	1,140	167	19	10	9	17.20	....	....	....	....	10
" 2nd " ..	Miss B. G. Stewart.....	3rd "	870	167	22	12	10	16.94	10	....	3	9	....
Lynn Valley, 1st Div...	W. R. MacLeod.....	2nd "	1,680	166½	26	13	13	21.18	....	....	....	....	....
" 2nd " ..	Miss S. J. Forrest.	3rd "	960	166½	47	27	20	32.06	....	....	....	....	47
" 3rd " ..	Miss K. M. L. Neate.....	2nd "	900	166½	47	24	23	34.37	....	....	....	25	22
" 4th " ..	Miss A. M. Shore.....	2nd "	900	165½	40	15	25	31.09	....	....	25	15	....
" 5th " ..	Miss A. Allen	3rd "	1,020	166½	44	21	23	33.98	17	25	2	....	....
" 6th " ..	Miss M. F. Watson.....	3rd "	1,020	166½	44	30	14	36.57	44	2	....	....	....
North Star, 1st Div....	Miss E. A. Watson	1st "	1,140	166	31	20	11	24.30	....	....	....	....	13
" 2nd "	Miss A. M. Hamilton....	2nd "	900	166	37	22	15	29.12	....	....	....	26	11
" 3rd "	Miss J. S. Angus, M.A...	Academic ...	1,020	167	39	20	19	33.24	17	12	10	....	....
Roche Point	J. H. L. Coates	3rd Class	1,020	152	26	9	17	16.98	6	2	6	4	4
					475	248	227	370.50	107	40	52	83	122
Vancouver, South:													
Brock, 1st Division.....	H. E. Harvey..... ...	1st "	1,920	168	28	11	17	23.99	....	....	..	....	....
" 2nd "	Miss F. M. White	2nd "	1,200	168	39	18	21	33.72	....	....	....	....	....
" 3rd "	Miss E. B. Robertson ...	2nd "	1,320	168	45	24	21	37.34	....	....	....	....	45
" 4th "	Miss O. F. Miller.....	2nd "	960	168	41	22	19	38.27	....	....	....	....	41
" 5th "	Miss S. G. Gosse	2nd "	840	168	51	22	29	39.94	....	....	....	51	....
" 6th "	Miss A. White	2nd "	960	168	47	22	25	37.11	....	....	24	2	21
" 7th "	Miss M. M. Hunter.....	2nd "	840	168	51	26	25	40.97	31	20	....	....	....
" 8th "	Miss K. McGeer.....	3rd "	780	168	35	20	15	30.32	35	....	....	....	....
Carleton, 1st Division..	A. E. C. Martin, B.Sc...	Academic ...	2,280	168	43	17	26	36.45	....	....	....	....	....
" 2nd " ..	J. A. Clarke	1st Class	1,680	168	38	17	21	28.59	....	....	....	....	....
" 3rd " ..	Miss L. E. Hindle.....	1st "	1,200	168	35	11	24	30.63	....	....	....	....	22
" 4th " ..	Miss M. A. Scurragh	3rd "	1,080	168	40	26	14	34.23	....	....	....	....	40
" 5th " ..	Miss N. Hadfield	2nd "	1,080	168	34	18	16	29 33	....	....	....	....	34
" 6th " ..	Miss A. F. Wilbers.....	2nd "	1,020	168	38	20	18	34.66	....	....	....	....	38
" 7th " ..	Miss F. E. Weeks	2nd "	900	168	41	20	21	35.27	....	....	....	....	41
" 8th " ..	Miss D. M. Evans	2nd "	900	168	38	24	14	34.49	....	....	....	16	22
" 9th " ..	Miss A. E. A. Jacks	2nd "	900	168	37	18	19	32.17	....	....	....	37	....
" 10th " ..	Miss R. I. MacRae	2nd "	1,020	168	34	17	17	31.88	20	14	....	....	....
" 11th " ..	Miss J. M. Bowness	3rd "	840	168	41	22	19	36.49	....	28	13	....	....
" 12th " ..	Miss A. W. Paddon	2nd "	1,020	168	45	23	22	38.45	45	....	....	....	....
" 13th " ..	Miss S. V. Ferguson.....	2nd "	1,020	168	41	13	28	31.89	41	....	....	....	....
" 14th " ..	Mrs. C. Spencer	3rd "	780	155	36	12	24	30.55	....	....	....	36	....
" 15th " ..	Miss A. E. Cutler	1st "	720	98	39	16	23	36.29	....	....	39	....	....
Champlain..	Mrs. C. Spencer	3rd "	(closed)	13	....	....	....	13.73	....	....	....	....	....
Connaught, 1st Div....	Miss G. E. McGeer	2nd "	1,080	168	23	13	10	21.78	....	17	....	....	....
" 2nd " ...	Miss M. Simpson..... ..	2nd "	720	168	38	22	16	29.59	38	....	....	....	....
Moberly, 1st Division..	Miss E. M. Dickieson....	1st "	2,280	168	26	15	11	20.78	....	....	....	....	....
" 2nd " ..	Miss M. D. Dewar.....	2nd "	1.440	168	42	20	22	36.86	....	....	....	....	....
" 3rd " ..	Miss E. Magee	3rd "	960	168	39	22	17	34.90	....	....	....	....	39
" 4th " ..	Miss B. H. Reilly	1st "	1,020	168	47	23	24	35.80	....	....	....	....	47
" 5th " ..	Miss I. R. Whelan.....	2nd "	900	168	44	21	23	38.41	....	....	....	44	....
" 6th " ..	Miss G. P. Fox.....	3rd "	840	168	44	24	20	34.17	....	....	25	19	....
" 7th " ..	Miss M. B. F. Herd	2nd "	720	168	39	14	25	30.45	13	26	....	....	....
" 8th " ..	Miss E. M. Henderson...	2nd "	1,140	168	44	30	14	33.11	44	....	....	....	....
" 9th " ..	Miss E. B. Colwell	2nd "	840	168	35	23	12	28.48	35	....	....	....	....
" 10th " ..	Miss G. A. Williamson...	2nd "	960	98	26	13	13	24.28	....	....	8	11	7
R. McBride, 1st Div...	M. E. Schaefer.....	2nd "	2,160	168	41	19	22	32.11	....	....	....	....	....
" 2nd " ..	G. R. Montgomery.....	2nd "	1,320	168	39	17	22	34.60	....	....	....	....	....
" 3rd " ..	Miss M. E. Smith	3rd "	960	168	41	19	22	39.29	....	....	....	....	20
" 4th " ..	Miss E. F. Forey.....	3rd "	960	168	41	23	18	39.74	....	....	....	....	41
" 5th " ..	Mrs. L. A. Corral	3rd "	1.140	168	43	23	20	38.71	....	....	....	....	43
" 6th " ..	Miss O. C. Morrison.....	2nd "	1,140	168	36	20	16	33.03	....	....	....	36	....
" 7th " ..	Miss E. L. Hill.....	1st "	1,020	168	42	26	16	34.74	....	....	....	42	....
" 8th " ..	Miss A. Gemmell.....	1st "	1,080	168	30	16	14	26.70	....	....	30	....	....
" 9th " ..	Mrs. A. Jeakes.....	1st "	780	167	34	14	20	32.97	....	34	....	....	....
" 10th " ..	Miss M. F. Johnston	2nd "	1,020	167	35	15	20	31.81	35	....	....	....	....
" 11th " ..	Miss M. A. Batchelor....	2nd "	720	98	43	25	18	33.29	43	....	....	....	....
Sir A. Mackenzie, 1st D.	S. J. Clarke	2nd "	2,520	168	44	18	26	36.64	....	....	....	....	....
" 2nd "	J. O. MacLean	2nd "	1,320	168	45	28	17	37.43	....	....	....	....	....
" 3rd "	Mrs. F. R. Milne	3rd "	900	168	46	18	28	34 32	....	....	....	....	29
" 4th "	Miss F. Percival	2nd "	1,020	168	50	27	23	40.58	..	....	....	....	50

SCHOOL-YEAR ENDING JUNE 30TH, 1919—*Continued.*

NUMBER OF PUPILS IN EACH READER AND IN EACH SUBJECT OF STUDY.																					Amount paid by Government on account of Teachers' Salaries, etc.	Amount paid by District in addition to Expenditure by Government.
Fourth Reader.	Fifth Reader.	Writing, Dictation and Spelling, and Composition.	Arithmetic.	Nature Lessons and Hygiene.	Drawing.	Geography.	Canadian History and British History.	English Grammar.	English Literature.	Physical Exercises.	Manual Training.	Domestic Science (Needlework, etc.).	Music.	Algebra.	Geometry.	Latin.	French.	Physical Science.	Botany.			
																					$ cts.	$ cts.
23	...	24	24	24	24	24	24	24	23	24	....	....	.....	....	...	...	...	..	..	.....	.....	.....
....	...	37	37	37	37	37	14	14	....	37	....	....	37	....	...	...	...	..	..	.....	.....	.....
...	...	26	26	26	26	.....	.....	.....	....	26	....	....	.....	....	...	...	...	..	..	.....	.....	.....
141	15	677	670	662	670	418	318	310	156	677	....	....	190	15	15	3	15	15	6	.....	.....	.....
14	...	29	29	29	29	29	29	29	14	29	15	14	.....	....	...	...	...	..	..	.....	8,700 00	18,996 83
....	..	24	24	24	24	4	....	.....	.....	24	.....	.....	24	....	...	...	...	..	..	.....	.....	.....
9	...	19	19	19	19	19	19	19	9	19	10	9	19	....	...	...	...	..	..	.....	.....	.....
....	...	22	22	22	22	9	....	.....	.....	22	.....	.....	.....	....	...	...	...	..	..	.....	.....	.....
26	...	26	26	26	26	26	26	26	26	26	13	....	.....	....	...	...	...	..	..	.....	.....	.....
....	...	47	47	47	47	47	47	47	....	47	....	....	.....	....	...	...	...	..	..	.....	.....	.....
....	...	47	47	47	47	47	22	22	....	47	11	....	.....	....	...	...	...	..	..	.....	.....	.....
....	...	40	40	40	40	15	.....	.....	....	40	...	...	.....	....	...	...	...	..	..	.....	.....	.....
....	...	44	44	44	44	.....	.....	.....	...	44	....	...	44	....	...	...	...	..	..	.....	.....	.....
....	..	44	44	44	44	.....	.....	.....	....	44	.....	...	44	....	...	...	...	..	..	.....	.....	.....
18	...	31	31	31	31	31	31	31	18	31	20	11	...	....	...	...	...	..	..	.....	.....	.....
....	...	37	37	37	37	37	11	11	....	37	7	14	....	....	...	...	...	..	..	.....	.....	.....
....	...	39	39	39	39	.....	.....	.....	....	39	.....	...	39	....	...	...	...	..	..	.....	.....	.....
4	...	26	26	26	26	12	8	8	4	26	5	....	.....	....	...	...	...	..	..	.....	.....	.....
71	..	475	475	475	475	276	193	193	71	475	81	48	170	....	...	...	...	..	..	.....	.....	.....
28	...	28	28	28	28	28	28	28	28	28	11	17	.....	....	...	...	...	..	..	.....	94,259 70	156,728 25
39	...	39	39	39	39	39	39	39	39	39	18	21	.....	....	...	...	...	..	..	.....	.....	.....
....	...	45	45	45	45	45	45	45	....	45	24	21	....	....	...	...	...	..	..	.....	.....	.....
...	...	41	41	41	41	41	41	41	....	41	22	19	41	....	...	...	...	..	..	.....	.....	.....
....	.	51	51	51	51	51	.....	.....	....	51	..	...	51	....	...	...	...	..	..	.....	.....	.....
....	...	47	47	47	47	23	21	21	....	47	...	....	.....	....	...	...	...	..	..	.....	.....	.....
....	...	51	51	51	51	.....	.....	.....	....	51	..	...	.....	....	...	...	...	..	..	.....	.....	.....
...	...	35	35	35	35	.....	.....	.....	....	35	...	...	.....	....	...	...	...	..	..	.....	.....	.....
43	...	43	43	43	43	43	43	43	43	43	17	26	.....	....	...	...	...	..	..	.....	.....	.....
38	...	38	38	38	38	38	38	38	38	38	17	21	.....	....	...	...	...	..	..	.....	.....	.....
13	...	35	35	35	35	35	35	35	13	35	11	24	.....	....	...	...	...	..	..	.....	.....	.....
....	...	40	40	40	40	40	40	40	....	40	26	14	.....	....	...	...	...	..	..	.....	.....	.....
....	...	34	34	34	34	34	34	34	....	34	18	16	.....	....	...	...	...	..	..	.....	.....	.....
....	...	38	38	38	38	38	38	38	....	38	20	18	.....	....	...	...	...	..	..	.....	.....	.....
....	...	41	41	41	41	41	41	41	....	41	20	21	.....	....	...	...	...	..	..	.....	.....	.....
....	...	38	38	38	38	38	22	22	....	38	...	...	.....	....	...	...	...	..	..	.....	.....	.....
....	...	37	37	37	37	37	.....	.....	....	37	.....	.....	37	....	...	...	...	..	..	.....	.....	.....
...	...	34	34	34	34	.....	.....	.....	....	34	.....	.....	.....	....	...	...	...	..	..	.....	.....	.....
....	...	41	41	41	41	.....	.....	.....	....	41	.....	.....	41	....	...	...	...	..	..	.....	.....	.....
....	...	45	45	45	45	.....	.....	.....	....	45	.....	.....	.....	....	...	...	...	..	..	.....	.....	.....
....	...	41	41	41	41	.....	.....	.....	....	41	.....	.....	.....	....	...	...	...	..	..	.....	.....	.....
....	...	36	36	36	36	36	.....	.....	....	36	.....	.....	.....	....	...	...	...	..	..	.....	.....	.....
....	...	39	39	39	39	.....	.....	.....	....	39	.....	.....	.....	....	...	...	...	..	..	.....	.....	.....
....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	..	.....	.....	.....
....	...	23	23	23	23	.....	.....	.....	....	23	.....	.....	.....	....	...	...	...	..	..	.....	.....	.....
....	...	38	38	38	38	.....	.....	.....	....	38	.....	.....	38	....	...	...	...	..	..	.....	.....	.....
26	...	26	26	26	26	26	26	26	26	26	15	11	.....	....	...	...	...	..	..	.....	.....	.....
....	...	42	42	42	42	42	42	42	42	42	20	22	.....	....	...	...	...	..	..	.....	.....	.....
....	...	39	39	39	39	39	39	39	...	39	22	17	.....	....	...	...	...	..	..	.....	.....	.....
....	...	47	47	47	47	47	47	47	....	47	23	24	47	....	...	...	...	..	..	.....	.....	.....
....	...	44	44	44	44	44	.....	.....	....	44	.....	.....	.....	....	...	...	...	..	..	.....	.....	.....
....	...	44	44	44	44	19	.....	.....	....	44	.....	.....	.....	....	...	...	...	..	..	.....	.....	.....
....	...	39	39	39	39	.....	.....	.....	....	39	.....	.....	39	....	...	...	...	..	..	.....	.....	.....
....	...	44	44	44	44	.....	.....	.....	....	44	.....	.....	.....	....	...	...	...	..	..	.....	.....	.....
....	...	35	35	35	35	.....	.....	.....	....	35	.....	.....	35	....	...	...	...	..	..	.....	.....	.....
....	...	26	26	26	26	18	7	7	....	26	.....	.....	.....	....	...	...	...	..	..	.....	.....	.....
41	...	41	41	41	41	41	41	41	41	41	19	22	.....	....	...	...	...	..	..	.....	.....	.....
39	...	39	39	39	39	39	39	39	39	39	17	22	.....	....	...	...	...	..	..	.....	.....	.....
21	...	41	41	41	41	41	41	41	....	41	19	22	.....	....	...	...	...	..	..	.....	.....	.....
....	...	41	41	41	41	41	41	41	....	41	23	18	.....	....	...	...	...	..	..	.....	.....	.....
....	...	43	43	43	43	43	43	43	....	43	23	20	.....	....	...	...	...	..	..	.....	.....	.....
....	...	36	36	36	36	36	.....	.....	....	36	.....	.....	.....	....	...	...	...	..	..	.....	.....	.....
....	...	42	42	42	42	42	.....	.....	...	42	.....	.....	.....	....	...	...	...	..	..	.....	.....	.....
....	...	30	30	30	30	.....	.....	.....	....	30	.....	.....	.....	....	...	...	...	..	..	.....	.....	.....
....	...	34	34	34	34	.....	.....	.....	....	34	.....	.....	.....	....	...	...	...	..	..	.....	.....	.....
....	..	35	35	35	35	.....	.....	.....	....	35	.....	.....	.....	....	...	...	...	..	..	.....	.....	.....
....	...	43	43	43	43	.....	.....	.....	....	43	.....	.....	.....	....	...	...	...	..	..	.....	.....	.....
44	...	44	44	44	44	44	44	44	44	44	18	26	.....	....	...	...	...	..	..	.....	.....	.....
45	...	45	45	45	45	45	45	45	45	45	27	17	.....	....	...	...	...	..	..	.....	.....	.....
17	...	46	46	46	46	46	46	46	17	46	18	28	.....	....	...	...	...	..	..	.....	.....	.....
....	...	50	50	50	50	50	50	50	....	50	27	23	.....	....	...	...	...	..	..	.....	.....	.....

RURAL MUNICIPALITY SCHOOLS.

SCHOOL.	TEACHER.	CERTIFICATE.	Annual Salary.	Days School was in Session.	No. of Pupils enrolled.	Boys.	Girls.	Average Daily Attendance.	First Primer.	Second Primer.	First Reader.	Second Reader.	Third Reader.
Vancouver, South.—*Continued.*			$										
Sir A. Mackenzie, 5th D.	Mrs. C. Harper	3rd Class	900	168	43	31	12	38.34	....	....	....	..	43
" 6th "	Miss I. Robertson	2nd "	1,080	168	38	16	22	30.69	....	....	....	....	38
" 7th "	Mrs. H. M. Jex	2nd "	1,140	168	41	24	17	39.07	....	....	....	....	41
" 8th "	Miss D. E. Peek	1st "	900	168	43	24	19	35.69	43	....	....	....	....
" 9th "	Miss A. G. Stewart	1st "	900	168	40	26	14	37.94	....	....	....	40	....
" 10th "	Miss A. Ainslie	3rd "	1,080	168	49	28	21	42.86	....	....	1	48	....
" 11th "	Miss A. C. Wilks	2nd "	900	168	42	19	23	38.68	....	....	42	....	....
" 12th "	Miss E. H. Calbick	2nd "	1,140	168	39	28	11	36.89	....	39	....	....	....
" 13th "	Miss J. P. Lees	3rd "	900	168	46	25	21	37.13	46	....	....	....	....
" 14th "	Miss D. V. McCusker	3rd "	780	98	35	19	16	33.87	....	....	....	35	....
" 15th "	Miss H. Bodie, B.A.	Academic	720	98	33	17	16	29.96	....	....	33	....	....
" 16th "	Miss A. McK. Morrison,	"	720	98	39	19	20	32.26	20	19	....	....	....
Norquay, 1st Division	J. Hamilton [B.A.	2nd Class	2,280	169	34	14	20	29.85	....	....	....	....	....
" 2nd "	Miss F. O. Hamilton	1st "	1,320	169	45	18	27	37.83	....	....	....	....	27
" 3rd "	Miss A. I. Kerr	2nd "	960	169	47	18	29	39.78	....	....	....	....	47
" 4th "	Miss K. A. Matheson	2nd "	960	169	40	18	22	33.04	19	19	....	2	....
" 5th "	Miss A. L. Robinson	2nd "	780	169	36	20	16	34.65	....	....	....	36	....
" 6th "	Miss O. A. Arbuthnot	3rd "	840	169	35	18	17	34.13	....	....	35	....	....
" 7th "	Miss G. W. Miller, B.A.	Academic	900	169	38	18	20	35.68	38	....	....	....	....
" 8th "	Miss E. M. Pugh	1st Class	1,080	98	41	16	25	39.19	....	....	....	17	24
Laura Secord, 1st Div.	G. S. Wate	1st "	1,920	168	41	18	23	33.61	....	....	....	....	41
" 2nd "	Miss I. V. Wood	2nd "	900	168	47	15	32	39.13	....	....	18	29	....
" 3rd "	Miss E. W. Litch	2nd "	900	168	51	34	17	35.82	37	14	....	....	....
Lord Selkirk, 1st Div.	S. B. Clement	2nd "	2,520	168	39	18	21	32.00	....	....	....	....	....
" 2nd "	Miss H. R. Anderson	1st "	1,440	168	35	16	19	27.95	....	....	....	....	....
" 3rd "	Miss A. P. Watson	1st "	960	168	41	18	23	35.57	....	....	....	....	....
" 4th "	Miss A. M. Pettit	1st "	1,140	168	40	12	28	34.67	....	....	....	....	....
" 5th "	Miss M. A. Jackson	1st "	1,140	168	38	21	17	29.07	....	....	....	....	38
" 6th "	Miss E. J. Crowe	2nd "	1,020	168	38	25	13	35.66	....	....	....	....	38
" 7th "	Miss E. A. Gill	2nd "	960	167	37	14	23	33.14	....	....	....	....	37
" 8th "	Miss L. H. Ternan	3rd "	900	168	37	22	15	30.88	....	....	....	....	37
" 9th "	Miss L. H. Robb	2nd "	960	168	40	16	24	33.29	....	....	....	....	40
" 10th "	J. H. Creighton	2nd "	900	168	41	23	18	35.83	....	....	....	....	41
" 11th "	Miss M. Robertson	2nd "	1,020	168	36	22	14	35.36	....	....	....	36	....
" 12th "	Miss E. Manifold	2nd "	780	168	39	22	17	33.19	....	....	....	39	....
" 13th "	Miss E. Wilson	2nd "	840	168	37	20	17	32.24	....	....	....	37	....
" 14th "	Miss I. McNeish	1st "	780	168	38	23	15	32.63	....	1	....	37	....
" 15th "	Miss N. M. Heard	1st "	1,140	168	38	19	19	30.18	....	....	38	....	....
" 16th "	Miss E. Frost	1st "	780	168	34	17	17	31.97	....	....	34	....	....
" 17th "	Miss W. K. Hale	3rd "	780	168	37	19	18	31.41	....	22	15	....	....
" 18th "	Miss B. L. Smith	2nd "	780	168	33	14	19	28.19	33	....	....	....	....
" 19th "	Miss C. B. McInnes	3rd "	780	168	42	27	15	30.52	42	....	....	....	....
" 20th "	Miss P. C. Becker	2nd "	1,140	168	35	13	22	29.29	35	....	....	....	....
" 21st "	Miss B. M. Dobson	1st "	780	98	34	16	18	31.56	18	16	....	....	....
" 22nd "	Miss G. M. Becker	Academic	1,140	98	37	18	19	31.47	37	....	....	....	....
Sexsmith, 1st Division	R. H. Wilson	"	2,040	168	41	14	27	37.41	....	....	....	..	30
" 2nd "	Miss C. A. Christie	1st Class	1,020	168	46	26	20	34.41	....	....	27	19	....
" 3rd "	Miss E. C. Copeland	2nd "	900	168	43	26	17	31.64	34	9	....	....	....
Tecumseh, 1st Division	C. L. Thornber	2nd "	2,400	168	44	20	24	37.40	....	....	....	....	....
" 2nd "	A. J. Devereaux	1st "	1,200	168	41	14	27	32.86	....	....	....	....	....
" 3rd "	Miss L. B. Clark	3rd "	1,080	168	41	17	24	34.03	....	....	....	....	....
" 4th "	Miss M. Partridge	1st "	900	168	39	16	23	32.52	....	....	....	....	39
" 5th "	Miss H. K. Woods	2nd "	960	168	39	20	19	35.55	....	....	....	....	39
" 6th "	Miss B. A. Chadwick	1st "	900	168	40	22	18	31.79	....	....	..	....	40
" 7th "	Miss R. R. Wadleigh, B.A.	Academic	1,080	168	42	22	20	31.97	....	....	....	....	42
" 8th "	Miss G. L. Nicholson	2nd Class	780	168	42	21	21	36.72	....	....	....	42	....
" 9th "	Miss H. E. Cunningham	2nd "	780	168	37	20	17	35.29	....	....	....	37	....
" 10th "	Miss B. K. Loat	1st "	1,140	168	43	26	17	35.14	....	....	....	43	....
" 11th "	Miss E. M. Fraser	3rd "	840	168	39	19	20	32.01	....	....	15	24	....
" 12th "	Miss E. R. Miller	2nd "	840	168	43	22	21	34.86	....	....	43	....	....
" 13th "	Miss A. M. Litch	2nd "	900	168	40	20	20	34.53	....	40	....	....	....
" 14th "	Miss E. Pakeman	2nd "	780	168	40	21	19	33.34	40	..	....	....	....
" 15th "	Miss A. L. Paddon	2nd "	1,020	168	49	24	25	37.01	49	....	....	....	....
" 16th "	Miss V. M. Smith	3rd "	900	98	43	34	9	35.58	43	....	....	....	....
Van Horne, 1st Div.	R. C. Eaton, B.A.	Academic	1,920	168	35	13	22	28.83	....	....	....	....	....
" 2nd "	E. R. Shearman	2nd Class	1,440	168	33	19	14	27.53	....	....	....	....	8
" 3rd "	Miss L. B. Copeland	2nd "	1,140	168	37	21	16	31.33	....	....	....	....	37
" 4th "	Miss F. Nesbit	2nd "	960	168	38	21	17	32.00	....	....	....	....	38
" 5th "	Miss M. L. Jones	2nd "	1,020	168	44	21	23	38.32	....	....	....	44	....
" 6th "	Miss K. L. Litch	3rd "	840	168	46	22	24	38.91	....	16	30	....	....
" 7th "	Miss T. M. Godfrey	2nd "	840	168	43	22	21	27.41	43	..	....	....	....
Wolfe, 1st Division	A. M. Macdonald	1st "	2,400	168	37	14	23	30.58	....	....	....	....	....
" 2nd "	F. A. Armstrong, B.A.	Academic	1,440	168	44	18	26	36.13	....	....	....	....	....

SCHOOL-YEAR ENDING JUNE 30TH, 1919—*Continued.*

NUMBER OF PUPILS IN EACH READER AND IN EACH SUBJECT OF STUDY.																						Amount paid by Government on account of Teachers' Salaries, etc.	Amount paid by District in addition to Expenditure by Government.
Fourth Reader.	Fifth Reader.	Writing, Dictation and Spelling, and Composition.	Arithmetic.	Nature Lessons and Hygiene.	Drawing.	Geography.	Canadian History and British History.	English Grammar.	English Literature.	Physical Exercises.	Manual Training.	Domestic Science (Needlework, etc.).	Music.	Algebra.	Geometry.	Latin.	French.	Physical Science.	Botany.			$ cts.	$ cts.
....	...	43	43	43	43	43	43	43	....	43	31	12	.....	....	...	...	...	..	..				
....	...	38	38	38	38	38	38	38	....	38	16	22	.....	....	...	...	...	..	..				
....	...	41	41	41	41	41	41	41	....	41	....	...	.....	....	...	...	...	..	..				
....	...	43	43	43	43	.....	.....	.....	....	43	....	....	.....	....	...	...	...	..	..				
....	...	40	40	40	40	40	.....	.....	..	40	....	....	.....	....	...	...	...	..	..				
....	...	49	49	49	49	48	.....	.....	....	49	....	....	.....	....	...	...	...	..	..				
....	...	42	42	42	42	.. .	.....	.....	....	42	....	....	42	....	...	...	...	..	..				
....	...	39	39	39	39	.....	....	.....	....	39	....	....	.....	....	...	...	...	..	..				
....	...	46	46	46	46	.....	.....	.....	....	46	....	....	46	....	...	...	...	..	..				
....	...	35	35	35	35	35	.....	.....	....	35	....	....	35	....	...	...	...	..	..				
....	...	33	33	33	33	....	.....	.....	....	33	....	....	33	....	...	...	...	..	..				
....	...	39	39	39	39	.....	.....	.....	....	39	....	....	.....	....	...	...	...	..	..				
31	...	34	34	34	34	34	34	34	34	34	14	20	.....	....	...	...	...	..	..				
18	...	45	45	45	45	45	45	45	18	45	18	27	.....	....	...	...	...	..	..				
....	...	47	47	47	47	47	47	47	....	47	18	29	47	....	...	...	...	..	..				
....	...	40	40	40	40	2	.....	.....	....	40	....	....	.....	....	...	...	...	..	..				
....	...	36	36	36	36	36	.....	.....	....	36	....	....	36	....	...	...	...	..	..				
....	...	35	35	35	35	. .	.....	.....	....	35	....	....	.....	....	...	...	...	..	..				
....	...	38	38	38	38	.....	.....	.....	....	38	....	....	38	....	...	...	...	..	..				
....	...	41	41	41	41	41	24	24	....	41	....	....	41	....	...	...	...	..	..				
....	...	41	41	41	41	41	41	41	....	41	18	23	.....	....	...	...	...	..	..				
....	...	47	47	47	47	29	.....	.....	....	47	....	....	.....	....	...	...	...	..	..				
....	...	51	51	51	51	.....	.....	.....	....	51	....	....	.....	....	...	...	...	..	..				
39	...	39	39	39	39	39	39	39	39	39	18	21	.....	....	...	...	...	..	..				
35	...	35	35	35	35	35	35	35	35	35	16	19	.....	....	...	...	...	..	..				
41	...	41	41	41	41	41	41	41	41	41	18	23	.....	....	...	...	...	..	..				
40	...	40	40	40	40	40	40	40	40	40	12	28	.....	....	...	...	...	..	..				
....	...	38	38	38	38	38	38	38	....	38	21	17	.....	....	...	...	...	..	..				
....	...	38	38	38	38	38	38	38	....	38	25	13	38	....	...	...	...	..	..				
....	...	37	37	37	37	37	37	37	....	37	14	23	.....	....	...	...	...	..	..				
....	...	37	37	37	37	37	37	37	....	37	22	15	.....	....	...	...	...	..	..				
....	...	40	40	40	40	40	40	40	....	40	16	24	.....	....	...	...	...	..	..				
....	...	41	41	41	41	41	41	41	....	41	23	18	.....	....	...	...	...	..	..				
....	...	36	36	36	36	36	.....	.....	....	36	....	....	.....	....	...	...	...	..	..				
....	...	39	39	39	39	39	.....	.....	....	39	....	....	39	....	...	...	...	..	..				
....	...	37	37	37	37	37	.....	.....	....	37	....	....	.....	....	...	...	...	..	..				
....	...	38	38	38	38	37	.....	.....	....	38	..	....	38	....	...	...	...	..	..				
....	...	38	38	38	38	38	.....	.....	....	38	....	....	38	....	...	...	...	..	..				
....	...	34	34	34	34	.....	.....	.....	....	34	....	...	34	....	...	...	...	..	..				
....	...	37	37	37	37	.....	.....	.....	....	37	....	....	37	....	...	...	...	..	..				
....	...	33	33	33	33	.....	.....	.....	....	33	....	....	33	....	...	...	...	..	..				
....	...	42	42	42	42	.....	.....	.....	....	42	....	....	42	....	...	...	...	..	..				
....	...	35	35	35	35	....	.....	.....	....	35	....	....	.....	....	...	...	...	..	..				
....	...	34	34	34	34	.....	.....	.....	....	34	..	....	34	....	...	...	...	..	..				
....	...	37	37	37	37	.....	.....	.....	....	37	....	....	.....	....	...	...	...	..	..				
11	...	41	41	41	41	41	41	41	11	41	14	27	.....	....	...	...	...	..	..				
....	...	46	46	46	46	19	.....	.....	....	46	....	....	.....	....	...	...	...	..	..				
....	...	43	43	43	43	... .	.....	.....	....	43	....	....	.....	....	...	...	...	..	..				
44	...	44	44	44	44	44	44	44	44	44	20	24	.....	....	...	...	...	..	..				
41	...	41	41	41	41	41	41	41	41	41	14	27	.....	....	...	...	...	..	..				
41	...	41	41	41	41	41	41	41	41	41	17	24	.....	....	...	...	...	..	..				
....	..	39	39	39	39	39	39	39	....	39	16	23	.....	....	...	...	...	..	..				
....	...	39	39	39	39	39	39	39	....	39	20	19	.....	....	...	...	...	..	..				
....	...	40	40	40	40	40	40	40	....	40	22	18	40	....	...	...	...	..	..				
....	...	42	42	42	42	42	42	42	....	42	22	20	.....	....	...	...	...	..	..				
....	...	42	42	42	42	42	.....	.....	....	42	....	....	.....	....	...	...	...	..	..				
....	...	37	37	37	37	37	.....	.....	....	37	....	....	.....	....	...	...	...	..	..				
....	...	43	43	43	43	43	.....	.....	....	43	....	....	.....	....	...	...	...	..	..				
....	...	39	39	39	39	24	.....	.....	....	39	....	....	39	....	...	...	...	..	..				
....	...	43	43	43	43	.....	.....	.....	....	43	....	....	.....	....	...	...	...	..	..				
....	...	40	40	40	40	.....	.....	.....	....	40	....	....	40	....	...	...	...	..	..				
....	...	40	40	40	40	.....	.....	.....	....	40	....	....	40	....	...	...	...	..	..				
....	...	49	49	49	49	.....	.....	.....	....	49	....	....	.....	....	...	...	...	..	..				
....	...	43	43	43	43	.....	.....	.....	....	43	....	....	43	....	...	...	...	..	..				
35	...	35	35	35	35	35	35	35	35	35	13	22	.....	....	...	...	...	..	..				
25	...	33	33	33	33	33	33	33	25	33	19	14	.....	....	...	...	...	..	..				
....	...	37	37	37	37	37	37	37	....	37	21	16	.....	....	...	...	...	..	..				
....	...	38	38	38	38	38	38	38	....	38	21	17	.....	....	...	...	...	..	..				
....	...	44	44	44	44	44	.....	.....	....	44	....	....	.....	....	...	...	...	..	..				
....	...	46	46	46	46	.....	.....	.....	...	46	....	....	46	....	...	...	...	..	..				
....	...	43	43	43	43	.....	.....	.....	....	43	....	....	43	....	...	...	...	..	..				
37	..	37	37	37	37	37	37	37	37	37	14	23	.....	....	...	...	...	..	..				
44	...	44	44	44	44	44	44	44	44	44	18	26	.....	....	...	...	...	..	..				

RURAL MUNICIPALITY SCHOOLS.

SCHOOL.	TEACHER.	CERTIFICATE.	Annual Salary.	Days School was in Session.	No. of Pupils enrolled.	Boys.	Girls.	Average Daily Attendance.	First Primer.	Second Primer.	First Reader.	Second Reader.	Third Reader.
Vancouver, South.—*Concluded.*			$										
Wolfe, 3rd Division	Miss A. C. Lougheed	3rd Class	1,020	168	43	23	20	31.89	....	....	....	....	43
" 4th "	Miss M. C. Kay	2nd "	1,020	168	42	20	22	36.01	....	....	....	....	42
" 5th "	Miss M. Rose	1st "	1,020	168	41	19	22	39.37	....	....	....	....	41
" 6th "	Miss A. B. Dunsmuir	2nd "	1,200	168	48	31	17	42.23	....	....	....	....	48
" 7th "	Miss I. S. Hamilton	2nd "	780	168	42	24	18	36.08	....	....	....	42	....
" 8th "	Miss L. C. Robertson	2nd "	900	168	43	16	27	36.81	....	....	....	43	....
" 9th "	Miss M. H. Williamson	2nd "	900	168	37	22	15	32.43	....	....	....	37	....
" 10th "	Miss V. M. Greenlay	2nd "	780	168	39	24	15	34.23	....	....	24	15	....
" 11th "	Miss J. L. Walter	2nd "	1,020	168	43	24	19	32.12	....	26	17	....	....
" 12th "	Miss W. M. Carruthers	3rd "	1,020	168	45	22	23	31.41	29	16	....	....	....
" 13th "	Miss E. M. Knowling	3rd "	780	168	35	19	16	26.64	35	....	....	....	....
" 14th "	Miss M. L. Copeland	2nd "	1,080	168	38	18	20	31.66	38	....	....	....	....
Supervisor of Primary Grades	Miss F. Currie		1,600	....	....	....	....	....	....	....	....	....	....
Manual Training Instructors.	A. S. Hamilton		2,040	....	....	....	....	....	....	....	....	....	....
	W. K. Woodcock		1,800	....	....	....	....	....	....	....	....	....	....
	J. A. Green		1,680	....	....	....	....	....	....	....	....	....	....
	G. Manson		1,320	....	....	....	....	....	....	....	....	....	....
	G. F. Clarke		1,320	....	....	....	....	....	....	....	....	....	....
	C. E. Knight		1,320	....	....	....	....	....	....	....	....	....	....
	M. Hale		1,200	....	....	....	....	....	....	....	....	....	....
Domestic Science Instructors.	Miss M. A. Martin		1,500	....	....	....	....	....	....	....	....	....	....
	Miss H. B. Bruce		1,200	....	....	....	....	....	....	....	....	....	....
	Miss E. I. Purdy		1,200	....	....	....	....	....	....	....	....	....	....
	Miss B. N. Allan		1,200	....	....	....	....	....	....	....	....	....	....
	Miss F. McKittrick		1,080	....	....	....	....	....	....	....	....	....	....
	Miss I. Robertson		1,200	....	....	....	....	....	....	....	....	....	....
					5388	2722	2666	4579.47	1059	376	517	996	1519
Vancouver, West:													
Dundarave, 1st Div.	Miss E. L. Smith	1st Class	1,140	166	25	13	12	15.52	....	....	....	....	19
" 2nd "	Miss D. M. Jones, B.A.	Academic	900	166	42	18	24	22.90	23	....	10	9	....
Hollyburn, 1st Division	G. E. Brealey	1st Class	1,620	166	34	14	20	27.25	....	....	....	....	....
" 2nd "	Miss M. L. Palmer	2nd "	900	166	37	16	21	27.76	....	....	....	....	37
" 3rd "	Miss I. Moore	2nd "	720	166	47	29	18	34.53	25	10	12	....	....
" 4th "	Miss G. I. Lawson	1st "	900	113	30	15	15	25.65	....	....	....	30	....
					215	105	110	153.61	48	10	22	39	56
Grand total, Rural Municipality Schools, 1918-19					17869	9036	8833	14084.32	3525	1369	1699	2982	4889
" " " 1917-18					16282	8201	8081	13013.83	2873	1284	1526	2766	4597

RURAL AND ASSISTED SCHOOLS.

Abbotsford, 1st Div. (Sup)	Miss F. M. Urquhart, B.A.	Academic	1,320	182	24	10	14	19.55	....	....	....	....	....
" 2nd "	Miss H. M. Herkins, B.A.	"	1,020	188½	41	19	22	31.81	....	....	....	....	32
" 3rd "	Miss M. F. Laxton	3rd Class	840	187½	36	16	20	30.32	....	....	14	12	10
" 4th "	Miss O. D. Borden, B.A.	Academic	840	190½	42	24	18	31.44	31	11	....	....	....
Ainsworth	Miss H. E. Harrison	Temporary	960	158	16	6	10	11.45	4	2	....	1	4
Albert Canyon	Miss E. B. Livingstone	2nd Class	960	174	16	14	2	14.93	4	....	....	4	2
Albert Head	Miss J. A. Hooson	1st "	780	134	17	13	4	12.03	....	1	2	4	2
Alert Bay	Miss M. M. Gaze	Temporary	840	169	28	14	14	16.68	7	2	2	3	8
Alexandria	Miss W. Weetman	"	1,080	168½	7	3	4	5.62	1	3	....	....	2
Alice Arm	G. A. Hunter	3rd Class	1,020	166	18	6	12	15.38	6	1	....	6	2
Alice Siding	Miss E. F. Arrowsmith	3rd "	960	157	14	12	2	10.12	2	1	4	....	2
Alkali Lake	Miss M. Sullivan	2nd "	1,080	181	10	8	2	7.91	2	2	2	2	1
Allen Grove	Miss E. T. Parkins	2nd "	840	158	10	6	4	6.64	3	....	4	....	3
Anaconda	M. Beattie	2nd "	1,240	157	19	13	6	12.27	6	4	....	4	5
Anarchist Mountain	Mrs. E. J. Coss	3rd "	960	150	22	14	8	9.83	6	2	....	5	6
Annable	Mrs. E. Pogson	2nd "	960	168	14	8	6	11.92	6	....	2	4	2
Appledale	Miss A. Dubnow	Temporary	960	168½	17	13	4	10.95	6	2	1	2	2
Arrowhead	Miss A. E. Foy	2nd Class	1,080	168	15	5	10	14.01	2	1	4	1	4
Arrow Park, East	R. W. Ashworth	1st "	1,080	178	22	11	11	21.57	1	....	5	2	8
Arrow Park, West	G. Welbanks	3rd "	960	180	9	6	3	6.96	3	....	3	....	1
Ashcroft, 1st Division	Miss M. A. Lott	2nd "	960	175	22	11	11	17.22	....	....	....	....	10
" 2nd "	Miss J. M. Sutherland	3rd "	840	175	47	27	20	35.29	22	9	4	12	....
Ashton Creek	Miss C. Paradis	3rd "	900	185½	9	5	4	7.04	2	....	....	2	4
Aspen Grove	F. Van Gorder	Temporary	936	176	23	13	10	8.34	9	....	5	1	5
Athalmer	Miss V. J. Bell	2nd Class	960	182	24	9	15	17.11	8	....	4	2	6

SCHOOL-YEAR ENDING JUNE 30TH, 1919—*Concluded.*

Number of Pupils in each Reader and in each Subject of Study.																				Amount paid by Government on account of Teachers' Salaries, etc.	Amount paid by District in addition to Expenditure by Government.
Fourth Reader.	Fifth Reader.	Writing, Dictation and Spelling, and Composition.	Arithmetic.	Nature Lessons and Hygiene.	Drawing.	Geography.	Canadian History and British History.	English Grammar.	English Literature.	Physical Exercises.	Manual Training.	Domestic Science (Needlework, etc.).	Music.	Algebra.	Geometry.	Latin.	French.	Physical Science.	Botany.		
																				$ cts.	$ cts.
....	...	43	43	43	43	43	43	43	....	43	23	20	.....	....	....	....	....	..	..	.....	.....
...	...	42	42	42	42	42	42	42	....	42	20	22	.....	....	....	....	....	..	..	.....	.....
....	...	41	41	41	41	41	41	41	....	41	19	22	.....	....	....	....	....	..	..	.....	.....
....	...	48	48	48	48	48	48	48	....	48	31	17	.....	....	....	....	....	..	..	.....	.....
....	...	42	42	42	42	42	.....	.....	.....	42	....	....	.....	....	....	....	....	..	..	.....	.....
...	...	43	43	43	43	43	.....	.....	.....	43	....	....	.....	....	....	....	....	..	..	.....	.....
....	...	37	37	37	37	37	.....	.....	.....	37	....	....	.....	....	....	....	....	..	..	.....	.....
...	..	39	39	39	39	15	.....	.....	.....	39	....	....	.....	....	....	....	....	..	..	.....	.....
....	.	43	43	43	43	.....	.....	.....	.....	43	....	....	.....	....	....	....	....	..	..	.....	.....
....	...	45	45	45	45	.....	.....	.....	....	45	....	....	.....	....	....	....	....	..	..	.....	.....
....	...	35	35	35	35	.....	.....	.....	...	35	....	....	.....	....	....	....	....	..	..	.....	.....
....	...	38	38	38	38	.....	.....	.....	...	38	....	....	.....	....	....	....	....	..	..	.....	.....
....	...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	..

RURAL AND ASSISTED SCHOOLS.

SCHOOL.	TEACHER.	CERTIFICATE.	Annual Salary.	Days School was in Session.	No. of Pupils enrolled.	Boys.	Girls.	Average Daily Attendance.	First Primer.	Second Primer.	First Reader.	Second Reader.	Third Reader.
			$										
Atlin	Miss J. M. Taylor	3rd Class		179½	12	5	7	5.25	5	2	....	....	2
Balfour	Mrs. A. H. Foster, B.A.	Academic	1,020	174	25	9	16	18.11	4	....	4	3	3
Balmoral	Miss M. T. Proske	2nd Class	900	175	25	12	13	15.81	6	....	....	4	11
Bamfield	Mrs. E. C. Shenstone	Temporary	900	154	14	7	7	6.31	4	1	1	6	1
Barkerville	Chas. H. Hayton	3rd Class	1,200	195	18	9	9	14.56	6	1	4	3	2
Barnston Island	Miss H. Whistler	2nd "	900	195½	19	9	10	17.44	5	2	....	2	4
Barriere Power House	Mrs. C. H. Inskip	2nd "	900	(closed)									
Barriere River	Miss K. E. Walker	3rd "	960	141	17	10	7	12.73	6	....	2	1	4
Barriere Valley													
Baynes Lake	R. Landells, B.A.	Academic	1,200	140	39	16	23	26.43	11	....	2	12	6
Bear Creek	Miss O. M. Ferguson	2nd Class	840	190½	5	3	2	4.74	1	....	1	2	1
Beaton	Miss A. L. Munro	2nd "	960	174	11	5	6	9.18	1	....	....	3	4
Beaver Creek	Miss I. J. Beamer	Temporary	840	155	18	10	8	12.26	1	2	....	4	7
Beaver Lake	Miss E. M. Giberson	3rd Class	1,140	185	10	5	5	6.42	3	....	....	3	....
Beaverly	Miss O. M. Clarke	1st "	1,020	119	10	6	4	7.13	4	3	....	1	2
Beaver Point	J. H. Monk	1st "	720	....	....	....	....	....	....	....	....	....	....
Begbie	S. M. Fessant	2nd "	840	174	17	11	6	11.33	2	....	3	8	4
Belford	Miss H. E. Eldridge	1st "	960	182	20	9	11	9.98	4	....	3	....	1
Bella Coola	Wm. A. M. Sykes	1st "	1,020	180	26	12	14	21.46	4	....	....	6	8
Bella Coola, Lower	Wm. H. MacKay	1st "	1,020	180	14	6	8	9.35	....	4	1	2	3
Bench	Miss M. M. Buss	3rd "	960	185	15	8	7	11.20	1	....	....	....	9
Beresford	Miss D. I. Powell	3rd "	840	194½	30	15	15	15.49	6	2	2	6	11
Berrydale	Miss V. M. Johnston	2nd "	900	174½	8	4	4	7.07	3	1	3	....	1
Big Bar Mountain	H. Smith	3rd "	1,160	194	13	6	7	11.26	....	....	....	5	2
Big Bar, Upper (closed)	W. Troughton	1st "	1,080	....	....	....	....	....	....	....	....	....	....
Big Eddy	Miss C. Harper	2nd "	1,020	172½	27	18	9	21.21	7	....	3	2	11
Blaeberry	Miss W. B. Smythe	2nd "	960	195	9	7	2	7.81	1	....	2	....	5
Blind Bay	Miss E. M. Reilly	3rd "	900	189	13	7	6	9.80	3	1	1	1	2
Blubber Bay	Miss E. S. Thompson	3rd "	900	192½	23	13	10	16.69	5	....	7	1	9
Blueberry Creek	Mrs. M. G. Vars	2nd "	900	180	9	5	4	7.00	1	....	3	3	2
Blue River	Miss C. Bertrand	3rd "	960	168	8	5	3	6.62	2	....	2	....	2
Bonaparte Valley	Miss A. E. M. Bunker	Temporary	960	154½	9	4	5	7.19	1	2	2	....	2
Boston Bar	Miss I. P. Wagner	3rd Class	840	174	17	7	10	12.36	3	2	6	1	5
Boswell	Miss M. E. Rylett	1st "	960	189	12	7	5	7.28	6	....	....	1	2
Boundary Falls	Miss V. D. Gay	Temporary	900	165	15	7	8	10.21	7	....	1	3	1
Bowen Island	Miss J. B. Bothwell	2nd Class	900	169	16	6	10	11.33	....	4	1	2	2
Bowie	Miss K. S. Freeman	3rd "	960	190	16	7	9	13.71	6	....	4	4	2
Bowser	Miss M. A. S. Griffin	Temporary	840	176	6	4	2	5.69	....	....	....	1	3
Box Lake	Mrs. I. Wyrill	1st Class	960	163	22	11	11	15.37	8	3	1	2	7
Braeside	P. H. Newfeld	2nd "	1,020	44	16	10	6	14.05	4	2	....	1	8
Brechin, 1st Division	J. W. Hughes	1st "	1,140	163½	29	14	15	17.73	....	....	....	....	22
" 2nd "	Miss C. V. Freeman	3rd "	960	164	24	13	11	21.91	....	....	....	8	16
" 3rd "	Miss F. L. Cook	3rd "	840	164	22	15	7	21.22	15	7	....	....	....
Bridesville	Miss M. H. Harwood	3rd "	960	146	20	10	10	11.42	6	....	1	2	9
Brilliant, 1st Division	Miss M. M. Morrow	2nd "	1,150	103	33	33	....	15.78	19	....	10	4	....
" 2nd "	Miss A. Beane	3rd "	1,100	123	22	22	....	8.68	....	....	11	10	1
" 3rd "	Miss F. E. McHattie	3rd "	1,100	123	52	52	....	14.37	51	1	....	....	....
Brisco	E. F. Clark	2nd "	960	177	17	12	5	9.85	5	2	2	....	4
Britannia Beach, 1st Div.	Miss G. Robson	1st "	1,080	176	23	13	10	20.45	....	....	....	....	....
" 2nd "	Miss M. L. Derbyshire	3rd "	960	176	19	12	7	18.74	....	....	....	8	11
" 3rd "	Miss G. M. Callander	2nd "	900	174	25	14	11	24.88	16	3	6	....	....
Britannia Mine	A. Dunn, B.A.	Academic	960	176	43	28	15	37.67	6	12	3	6	9
Buckley Bay	A. B. Morrison, B.A.	"	1,080	133	10	6	4	9.61	2	3	2	2	....
Bull River Bridge	Mrs. E. McDonald	1st Class	1,000	171½	26	14	12	20.44	9	3	....	5	2
Burgoyne Bay	Miss M. V. Simister	2nd "	720	194	33	17	16	23.02	1	5	1	2	10
Burns Lake	Miss K. A. R. Appleby	2nd "	1,020	81	37	21	16	18.12	12	1	5	6	9
Burtondale	Miss C. Vipond	3rd "	840	154½	24	12	12	11.67	5	3	....	5	7
Cache Creek	R. S. Henderson	Temporary	840	165	13	6	7	9.06	3	....	1	2	7
Cahilty	Miss M. A. Kosikar	3rd Class	960	120½	13	6	7	5.84	6	1	1	3	1
Caithness	Mrs. S. Codd, B.A.	Academic	960	177	19	9	10	10.61	4	2	....	4	6
Campbell Creek	Miss E. F. Carlson	2nd Class	840	169	14	6	8	10.52	2	....	1	1	4
Campbell Range	Miss I. E. Murtagh	2nd "	900	157½	18	13	5	5.83	5	3	....	4	4
Campbell River	C. B. Christensen	3rd "	900	172	17	8	9	13.44	6	....	2	2	4
Canford	Miss B. Gemmill	1st "	900	161	33	17	16	23.32	7	6	....	8	5
Canim Lake	Miss M. M. Phillips	Temporary	1,020	197	15	10	5	11.25	2	....	....	2	6
Canyon City	Mrs. J. Hadnett	"	950	157	32	13	19	22.90	10	2	1	1	9
Cape Scott	Miss M. Morris	2nd Class	1,080	169	21	6	15	15.01	3	7	....	3	5
Cariboo													
Carlin Siding	Miss M. Preston	3rd Class	900	185	14	8	6	10.28	4	1	....	2	2
Carson	Miss E. T. Frame	3rd "	960	177	28	23	5	10.77	18	....	5	3	1
Cartier	Miss E. M. L. Lettice	2nd "	1,140	184	33	16	17	18.58	9	4	....	7	10
Cascade	Miss G. Agar, B.A.	Academic	1,140	163	23	13	10	19.99	5	1	....	4	8
Castledale	Miss E. T. Ball	Temporary	960	183	13	8	5	9.17	5	1	....	2	4
Castlegar	Miss E. S. Mackenzie	1st Class	1,020	181½	35	14	21	23.45	6	6	....	6	11

SCHOOL-YEAR ENDING JUNE 30TH, 1919—*Continued.*

Number of Pupils in each Reader and in each Subject of Study.																				Amount paid by Government on account of Teachers' Salaries, etc.	Amount paid by District in addition to Expenditure by Government.
Fourth Reader.	Fifth Reader.	Writing, Dictation and Spelling, and Composition.	Arithmetic.	Nature Lessons and Hygiene.	Drawing.	Geography.	Canadian History and British History.	English Grammar.	English Literature.	Physical Exercises.	Manual Training.	Domestic Science (Needlework, etc.).	Music.	Algebra.	Geometry.	Latin.	French.	Physical Science.	Botany.	$ cts.	$ cts.
2	1	12	12	11	12	4	5	4	3	12	....	....	....	1	1	1	1	..	..	1,318 00	.....
11	...	25	25	25	25	17	14	14	11	25	....	....	....	....	....	....	....	..	..	1,058 00	137 62
4	...	25	25	25	25	19	15	15	4	25	....	....	25	....	....	....	....	..	..	928 00	161 55
1	...	14	14	14	14	8	2	2	1	14	14	....	13	....	....	....	....	..	..	928 00	55 04
2	...	18	18	18	18	7	4	4	2	18	....	....	....	....	....	....	....	..	..	1,253 00	187 22
6	...	19	19	19	19	12	10	10	6	19	....	....	19	....	....	....	....	..	..	881 00	128 87
....	...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	..	..	322 00	.....
4	...	17	17	17	17	9	8	8	4	17	....	....	....	....	....	....	....	..	..	993 00	133 19
....	...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	..	..	75 00	.....
8	...	39	39	39	39	26	14	14	8	39	....	....	....	....	....	....	....	..	..	628 35	2,233 04
....	...	5	5	5	5	3	1	1	....	5	....	1	2	....	....	....	....	..	..	863 00	.....
2	1	11	11	10	11	9	7	6	3	11	....	....	....	1	1	1	1	..	..	993 00	.....
4	...	18	18	18	18	15	11	11	4	18	....	....	....	....	....	....	....	..	..	863 00	48 40
4	...	10	10	10	10	7	4	4	4	10	....	....	....	....	....	....	....	..	..	1,188 00	.....
....	...	10	10	10	10	3	2	2	....	10	....	....	....	....	....	....	....	..	..	576 00	20 00
....	...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	..	..	628 35	157 35
....	...	17	17	17	17	12	4	4	..	17	....	....	....	....	....	....	....	..	..	620 60	598 50
10	2	20	20	18	20	11	13	11	12	20	....	....	....	2	2	2	2	..	..	993 00	107 84
8	...	26	26	26	26	22	16	16	8	26	....	....	26	....	....	....	....	..	..	1,058 00	96 50
4	...	14	14	14	14	9	7	7	4	14	....	....	....	....	....	....	....	..	..	1,058 00	48 40
5	...	15	15	15	15	14	14	14	5	15	....	....	....	....	....	....	....	..	..	993 00	212 16
3	...	30	30	30	30	20	14	14	3	30	....	....	30	....	....	....	....	..	..	628 35	371 95
....	...	8	8	8	8	1	1	1	....	8	....	....	....	....	....	....	....	..	..	928 00	.....
6	...	13	13	13	13	8	8	6	6	13	....	....	13	....	....	....	....	..	..	1,194 00	.....
....	...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	..	..	493 00	.....
4	...	27	27	27	27	17	15	15	4	27	....	....	27	....	....	....	....	..	..	1,058 00	132 74
1	...	9	9	9	9	6	6	6	1	9	....	....	9	....	....	....	....	..	..	918 00	8 75
5	...	13	13	13	13	8	7	7	5	13	....	....	....	....	....	....	....	..	..	909 20	110 07
1	...	23	23	23	23	11	10	10	1	23	....	....	....	....	....	....	....	..	..	858 00	57 60
....	...	9	9	9	9	5	2	2	....	9	....	....	9	....	....	....	....	..	..	928 00	36 25
2	...	8	8	8	8	4	4	4	2	8	....	....	....	....	....	....	....	..	..	864 45	58 15
2	...	9	9	9	9	4	4	4	2	9	5	....	9	....	....	....	....	..	..	903 00	.....
....	...	17	17	17	17	6	5	5	....	17	....	....	....	....	....	....	....	..	..	863 00	66 40
3	...	12	12	12	12	6	5	5	3	12	....	....	....	....	....	....	....	..	..	993 00	25 01
3	...	15	15	15	15	7	4	4	3	15	....	....	....	....	....	....	....	..	..	928 00	78 90
7	...	16	16	16	16	11	9	9	7	16	....	....	16	....	....	....	....	..	..	909 20	202 65
....	...	16	16	16	16	6	2	2	....	16	....	....	16	....	....	....	....	..	..	993 00	90 98
2	...	6	6	6	6	6	5	5	2	6	....	....	....	....	....	....	....	..	..	811 40	44 86
1	...	22	22	22	22	10	8	8	1	22	....	8	22	....	....	....	....	..	..	993 00	85 81
1	...	16	16	16	16	10	9	9	1	16	....	....	10	....	....	....	....	..	..	214 20	41 90
7	...	29	29	29	29	29	29	29	7	29	....	....	....	....	....	....	....	..	..	}	
....	...	24	24	24	24	16	....	....	....	24	....	....	....	....	....	....	....	..	..	3,232 00	393 50
....	...	22	22	22	22	..	....	....	....	22	....	....	....	....	....	....	....	..	..	}	
2	...	20	20	20	20	13	11	11	2	20	....	....	20	....	....	....	....	..	..	918 00	49 80
....	...	33	33	33	33	4	....	....	....	33	....	....	33	....	....	....	....	..	..	}	
....	...	22	22	22	22	11	1	1	....	22	....	....	....	....	....	....	....	..	..	3,317 00	.....
...	...	52	52	52	52	....	....	....	....	52	....	....	....	....	....	....	....	..	..	}	
4	...	17	17	17	17	8	8	8	4	17	....	....	....	....	....	....	....	..	..	993 00	.....
23	...	23	23	23	23	23	23	23	23	23	....	....	23	....	....	....	....	..	..	}	
....	...	19	19	19	19	19	11	11	...	19	....	....	....	....	....	....	....	..	..	2,880 00	324 10
....	...	25	25	25	25	....	....	....	....	25	....	....	25	....	....	....	....	..	..	}	
7	...	43	43	43	43	22	16	16	7	43	....	....	....	....	....	....	....	..	..	993 00	.....
1	...	10	10	10	10	3	1	1	1	10	....	....	....	....	....	....	....	..	..	756 60	.....
7	...	26	26	26	26	14	9	9	7	26	....	....	26	....	....	....	....	..	..	628 35	669 96
14	...	33	33	33	33	26	24	24	14	33	....	....	33	....	....	....	....	..	..	626 40	358 68
4	...	37	37	37	37	19	13	13	4	37	....	....	....	....	....	....	....	..	..	513 20	.....
4	...	24	24	24	24	16	11	11	4	24	....	....	....	....	....	....	....	..	..	628 35	465 15
....	...	13	13	13	13	9	7	7	....	13	....	....	....	....	....	....	....	..	..	599 35	.....
1	...	13	13	13	13	5	2	2	1	13	....	3	....	....	....	....	....	..	..	766 55	3 65
3	...	19	19	19	19	13	9	9	3	19	....	....	19	....	....	....	....	..	..	993 00	.....
6	...	14	14	14	14	11	10	10	6	14	....	....	14	....	....	....	....	..	..	628 35	331 25
2	...	18	18	18	18	10	6	6	2	18	....	....	....	....	....	....	....	..	..	789 80	111 40
3	...	17	17	17	17	9	7	7	3	17	....	....	....	....	....	....	....	..	..	628 35	.....
7	...	33	33	33	33	20	12	12	7	33	....	....	33	....	....	....	....	..	..	640 00	464 84
5	...	15	15	15	15	13	11	11	5	15	....	....	....	....	....	....	....	..	..	1,058 00	23 80
9	...	32	32	32	32	19	18	18	9	32	....	....	32	....	....	....	....	..	..	628 35	700 45
3	...	21	21	21	21	11	8	8	3	21	....	....	21	....	....	....	....	..	..	1,123 00	100 25
....	...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	..	..	80 00	.....
5	...	14	14	14	14	9	7	7	5	14	....	....	14	....	....	....	....	..	..	928 00	128 19
1	...	28	28	28	28	5	2	2	1	28	....	....	....	....	....	....	....	..	..	628 35	553 22
3	...	33	33	33	33	20	13	13	3	33	....	....	....	....	....	....	....	..	..	1,188 00	.....
5	...	23	23	23	23	17	13	13	5	23	....	....	....	....	....	....	....	..	..	628 35	.....
1	...	13	13	13	13	7	5	5	1	13	....	....	....	....	....	....	....	..	..	981 00	22 87
6	...	35	35	35	35	23	17	17	6	35	....	....	35	....	....	....	....	..	..	1,058 00	122 75

RURAL AND ASSISTED SCHOOLS.

SCHOOL.	TEACHER.	CERTIFICATE.	Annual Salary.	Days School was in Session.	No. of Pupils enrolled.	Boys.	Girls.	Average Daily Attendance.	First Primer.	Second Primer.	First Reader.	Second Reader.	Third Reader.
			$										
Castle Rock	Miss M. Robertson	1st Class	1,080	174	8	7	1	5.04	1	....	1	2	4
Cawston	Mrs. M. Wilcox	3rd "	840	178	40	14	26	23.33	8	3	5	7	10
Cedar, East	Miss L. M. Campbell	3rd "	780	156	12	1	11	8.49	3	2	2	1	2
Cedar, North, 1st Div.	Miss H. Stewart	2nd "	1,020	164	19	9	10	17.26	....	....	....	....	8
" 2nd "	Miss E. M. Foster	3rd "	840	163	41	25	16	25.44	17	7	5	12	....
Cedar, South	Miss O. M. Aird	2nd "	1,000	150½	33	20	13	25.34	6	....	7	9	9
Cedarvale	J. A. Wilson	Temporary	960	147	12	7	5	7.74	3	5	1	....	1
Chase, 1st Division	Miss A. M. Gilchrist	2nd Class	1,200	166	18	7	11	14.96	....	....	....	....	....
" 2nd "	Miss A. Barker	2nd "	1,020	166	30	15	15	22.59	....	....	....	11	19
" 3rd "	Miss S. E. McKnight	3rd "	840	166	43	17	26	35.07	4	11	20	8	....
Chase Creek	Miss M. Brydon	Temporary	840	177	8	4	4	6.46	....	1	....	....	3
Chase River, 1st Division.	Miss M. R. Mayovsky	2nd Class	960	161½	29	12	17	21.94	....	....	....	4	20
" 2nd "	Miss A. S. Irvine	2nd "	840	162	44	24	20	38.77	22	13	9	....	....
Chaumox	Miss P. E. Webb	3rd "	780	180	9	6	3	6.77	1	....	1	1	3
Cheakamus	Miss M. P. Stein	2nd "	900	107½	8	4	4	7.41	3	....	1	2	1
Cherry Creek Valley	Miss B. Anderson	3rd "	840	159	17	12	5	12.97	4	....	3	1	3
Chief Lake	J. E. Fowler	Temporary	1,020	99	12	8	4	8.78	3	1	....	3	3
Chilco	Miss E. M. Law	"	1,020	114	17	13	4	8.64	4	....	1	5	7
Chimney Creek	Mrs. M. A. Bowe	"	1,080	154	12	5	7	8.92	3	1	....	....	3
Chinook Cove....(closed)	Miss C. V. E. Jakes	2nd Class	960	....	....	....	....	....	....	....	....	....	....
Christian Valley			....	....	....	....	....	....	....	....	....	....	....
Chu Chua	Miss S. A. Ryan	Temporary	960	176½	14	8	6	8.60	4	....	2	....	5
Clayoquot	Miss C. M. Graham	2nd Class	840	195	15	9	6	13.56	....	....	3	1	5
Clearwater	G. Atkinson, B.Sc.	Academic	960	156	13	8	5	8.47	1	1	2	4	3
Clinton	Miss M. S. Johnson	3rd Class	1,020	181	47	29	18	25.67	11	1	6	2	17
Clo-oose	L. C. J. Matthews	Temporary	900	131	10	3	7	7.68	....	....	....	1	1
Coal Creek, 1st Division.	T. Prescott	1st Class	1,560	176	30	17	13	28.49	....	....	....	....	10
" 2nd "	Miss R. O. Stewart, B.A.	Academic	1,200	175	29	15	14	26.32	....	....	....	17	12
" 3rd "	Miss I. L. Harrison	3rd Class	1,020	176	30	15	15	22.08	19	5	6	....	....
Coalmont	A. J. Clotworthy	1st "	960	175	14	8	6	8.65	2	....	....	3	4
Cobble Hill	D. Davidson	3rd "	840	194	30	14	16	17.56	3	....	6	8	6
Cokato	Miss B. M. Hurry	2nd "	1,020	156	24	10	14	17.73	3	5	5	8	1
Coltern	Miss M. L. Baird	2nd "	960	159	19	12	7	14.67	3	2	....	2	7
Columbia Gardens	Miss L. F. Wallis	3rd "	960	158	21	6	15	15.41	5	....	4	4	7
Colwood	Mrs. M. McIntyre	2nd "	900	173	30	12	18	18.18	3	3	2	7	11
Comox, 1st Division	Miss L. Hood, B.Sc.	Academic	1,020	147	31	9	22	15.11	....	....	....	....	14
" 2nd "	Miss M. B. Burrell	2nd Class	840	140	25	7	18	17.65	12	4	....	9	....
Concord	Miss I. M. Ilstad	2nd "	840	173	6	2	4	3.89	....	1	....	1	....
Copper City	Miss I. M. Pearson	Temporary	960	156	5	2	3	4.17	2	....	1	1	....
Copper Creek	K. Fissenden	3rd Class	900	141½	8	3	5	6.02	....	....	1	4	....
Copper Mountain			....	....	....	....	....	....	....	....	....	....	....
Corbin	Mrs. J. E. Ross	Temporary	1,200	186	31	16	15	23.39	2	....	2	9	9
Cortes Island	Miss A. Griffiths, B.A.	Academic	960	182	19	10	9	11.88	5	2	2	4	3
Cowichan, 1st Division	G. Bowyer	1st Class	1,020	148	30	10	20	19.97	....	....	....	....	19
" 2nd "	Miss M. M. Lanning, B.A.	Academic	840	153	22	13	9	14.27	9	4	4	5	....
Cowichan Lake	Miss H. G. Hammill	3rd Class	840	190½	18	11	7	10.80	3	1	3	4	3
Craigellachie	Miss B. Few	2nd "	900	196	12	5	7	7.14	4	2	1	3	1
Cranberry Marsh	Miss H. Draper	1st "	900	193	13	6	7	11.60	....	....	....	4	1
Crawford Bay	Miss J. Ink	2nd "	960	193	31	14	17	23.40	3	4	4	5	8
Crawford Creek	Miss B. Monteith	2nd "	900	183	11	3	8	8.14	4	....	1	....	4
Crescent Valley	Miss E. E. Fraser	Temporary	960	178½	21	10	11	17.40	2	....	2	6	5
Creston, 1st Div., (Sup.)	C. Brousson, B.Sc.	Academic	1,500	171½	26	8	18	20.81	....	....	....	....	....
" 2nd "	A. Smith	2nd Class	1,200	155½	47	27	20	33.88	....	....	....	....	30
" 3rd "	Miss M. Y. Kane	1st "	900	153¾	46	25	21	37.61	....	....	18	28	....
" 4th "	I. E. Ross	1st "	900	151¼	38	15	23	28.00	32	6	....	....	....
Criss Creek	Miss A. C. Johnston	2nd "	900	175	9	4	5	7.33	1	....	1	....	1
Crowsnest	Miss M. F. Bassett	2nd "	1,020	184	11	7	4	7.55	4	4	....	3	....
Cultus Lake			....	....	....	....	....	....	....	....	....	....	....
Curzon	Miss J. U. Corbett	2nd Class	960	180	15	7	8	9.42	5	4	....	1	5
Deadwood	E. D. Snetsinger	2nd "	1,020	126	38	24	14	19.50	10	6	1	5	7
Deep Cove	Miss K. Sullivan	2nd "	900	138½	22	13	9	18.56	....	1	2	4	5
Deep Creek	Miss O. E. Carson	1st "	900	194	16	10	6	13.24	3	1	3	....	5
Deer Park	Miss M. E. Tees	2nd "	960	185	17	11	6	10.12	5	....	2	1	4
Demars, West	Miss M. Tererziet	2nd "	960	193½	19	8	11	8.86	4	1	1	3	6
Denman Island, 1st Div.	Miss M. Osterhaut	2nd "	840	159	30	13	17	21.43	....	....	....	....	8
" 2nd "	Miss M. E. Graham	3rd "	720	155	33	21	12	22.66	14	6	7	6	....
Departure Bay	Miss E. D. Wood	1st "	960	163	22	16	6	20.08	4	1	3	7	5
Dewdney	Miss I. E. Henry	2nd "	900	190	33	21	12	20.67	5	....	6	4	11
Diamond Crossing, 1st D.	Miss E. V. S. Bickle	2nd "	1,020	139	24	9	15	20.58	....	....	....	....	15
" 2nd "	Miss E. J. Nairn	2nd "	840	139	19	8	11	17.63	6	3	3	7	....
Discovery	Miss N. E. Ashton	3rd "	1,260	181	18	6	12	16.86	2	2	2	6	5
Dome Creek	M. Rae	Temporary	1,020	163	24	15	9	16.43	12	....	1	8	3
Doriston	Miss C. J. King	3rd Class	840	191	8	1	7	8.67	....	1	3	....	3
Dragon Lake	Miss E. M. Champion	3rd "	1,080	156	11	6	5	7.95	....	2	1	1	3

SCHOOL-YEAR ENDING JUNE 30TH, 1919—*Continued.*

NUMBER OF PUPILS IN EACH READER AND IN EACH SUBJECT OF STUDY.																				Amount paid by Government on account of Teachers' Salaries, etc.	Amount paid by District in addition to Expenditure by Government.
Fourth Reader.	Fifth Reader.	Writing, Dictation and Spelling, and Composition.	Arithmetic.	Nature Lessons and Hygiene.	Drawing.	Geography.	Canadian History and British History.	English Grammar.	English Literature.	Physical Exercises.	Manual Training.	Domestic Science (Needlework, etc.).	Music.	Algebra.	Geometry.	Latin.	French.	Physical Science.	Botany.	$ cts.	$ cts.
....	...	8	8	8	8	6	4	4	....	8	....	....	.....	....	....	....	....	....	..	1,123 00	.....
7	...	40	40	40	40	24	17	17	7	40	....	....	40	....	....	....	....	....	..	660 00	668 66
2	...	12	12	12	12	5	4	4	2	12	....	....	.....	....	....	....	....	....	..	798 00	67 95
11	...	19	19	19	19	19	19	19	11	19	....	....	.....	....	....	....	....	....	..	} 1,921 00	313 44
....	...	41	41	41	41	12	.....	.....	....	41	....	....	41	....	....	....	....	....	..	}	
4	...	33	33	33	33	20	13	13	4	33	....	....	.....	....	....	....	....	....	..	1,033 20	83 00
2	...	12	12	12	12	3	3	2	2	12	....	....	.....	....	....	....	....	....	..	723 00	66 70
18	...	18	18	18	18	18	18	18	18	18	....	....	18	....	....	....	....	....	..	} 1,885 05	2,649 86
....	...	30	30	30	30	30	19	19	....	30	....	....	.....	....	....	....	....	....	..	}	
....	...	43	43	43	43	8	.....	.....	.....	43	....	....	.....	....	....	....	....	....	..	.....	.....
4	...	8	8	8	8	7	7	7	4	8	....	....	.....	....	....	....	....	....	..	846 80	.....
5	...	29	29	29	29	29	25	25	5	29	....	....	29	....	....	....	....	....	..	} 2,181 00	490 04
....	...	44	44	44	44	.....	.....	.....	.....	44	....	....	44	....	....	....	....	....	..	}	
3	...	9	9	9	9	7	6	6	3	9	....	....	.....	....	....	....	....	....	..	798 00	177 65
1	...	8	8	8	8	4	2	2	1	8	....	....	8	....	....	....	....	....	..	469 65	67 46
6	...	17	17	17	17	10	9	9	6	17	....	....	.....	....	....	....	....	....	..	863 00	170 90
1	...	12	12	12	12	7	4	4	1	12	....	....	.....	....	....	....	....	....	..	683 90	.....
....	...	17	17	17	17	12	7	7	....	17	....	....	.....	....	....	....	....	....	..	1,058 00	3 51
5	...	12	12	12	12	8	8	8	5	12	....	....	.....	....	....	....	....	....	..	1,123 00	79 98
...	...	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	....	.....	....	....	....	....	....	..	345 00	.....
...	...	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	....	.....	....	....	....	....	....	..	80 00	.....
3	...	14	14	14	14	8	8	8	3	14	....	3	.....	....	....	....	....	....	..	969 00	80 45
6	...	15	15	15	15	12	11	11	6	15	....	....	.....	....	....	....	....	....	..	628 35	293 98
2	...	13	13	13	13	9	5	5	2	13	....	....	.....	....	....	....	....	....	..	903 00	.....
10	...	47	47	47	47	29	27	27	10	47	....	....	.....	....	....	....	....	....	..	628 35	624 96
8	...	10	10	10	10	10	9	9	8	10	....	....	.....	....	....	....	....	....	..	686 95	9 50
20	...	30	30	30	30	30	30	30	20	30	....	....	.....	....	....	....	....	....	..	}	
....	...	29	29	29	29	29	12	12	....	29	....	....	.....	....	....	....	....	....	..	} 1,885 05	3,340 73
....	...	30	30	30	30	.....	.....	.....	.....	30	....	....	30	....	....	....	....	....	..	}	
5	...	14	14	14	14	12	9	9	5	14	....	....	.....	....	....	....	....	....	..	918 00	296 10
7	...	30	30	30	30	21	13	13	7	30	....	....	30	....	....	....	....	....	..	863 00	259 33
2	...	24	24	24	24	11	3	3	2	24	....	....	24	....	....	....	....	....	..	1,039 20	454 45
5	...	19	19	19	19	14	12	12	5	19	....	....	19	....	....	....	....	....	..	993 00	78 00
1	...	21	21	21	21	12	8	8	1	21	....	....	.....	....	....	....	....	....	..	993 00	718 93
4	...	30	30	30	30	22	15	15	4	30	....	....	.....	....	....	....	....	....	..	628 35	552 12
13	4	31	31	31	31	27	31	27	17	31	....	....	.....	4	4	....	4	4	..	} 1,921 00	707 35
....	...	25	25	25	25	9	.....	.....	.....	25	....	....	.....	....	....	....	....	....	..	}	
4	...	6	6	6	6	5	4	4	4	6	....	....	.....	....	....	....	....	....	..	813 60	.....
1	...	5	5	5	5	2	1	1	1	5	....	....	.....	....	....	....	....	....	..	862 35	.....
3	...	8	8	8	8	7	3	3	3	8	....	....	.....	....	....	....	....	....	..	922 00	234 20
...	...	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	....	.....	....	....	....	....	....	..	75 00	.....
9	...	31	31	31	31	27	18	18	9	31	....	....	31	....	....	....	....	....	..	628 35	1,487 80
3	...	19	19	19	19	10	6	6	3	19	....	....	19	....	....	....	....	....	..	993 00	90 68
11	...	30	30	30	30	30	30	30	11	30	....	....	30	....	....	....	....	....	..	} 1,921 00	559 98
....	...	22	22	22	22	5	.....	.....	.....	22	....	....	.....	....	....	....	....	....	..	}	
4	...	18	18	18	18	11	7	7	4	18	....	....	.....	....	....	....	....	....	..	863 00	1,293 58
1	...	12	12	12	12	5	2	2	1	12	....	....	12	....	....	....	....	....	..	928 00	.....
8	...	13	13	13	13	13	9	9	8	13	....	....	11	....	....	....	....	....	..	928 00	30 00
7	...	31	31	31	31	20	15	15	7	31	....	....	.....	....	....	....	....	....	..	628 35	700 00
2	...	11	11	11	11	6	6	6	2	11	....	....	11	....	....	....	....	....	..	928 00	123 35
6	...	21	21	21	21	17	11	11	6	21	....	....	.....	....	....	....	....	....	..	628 35	609 02
15	11	26	20	15	20	15	20	15	26	26	....	....	.....	11	11	11	11	6	6		
17	...	47	47	47	47	47	47	47	17	47	....	....	.....	....	....	....	....	....	..	} 2,496 00	3,613 23
....	...	46	46	46	46	28	.....	.....	.....	46	....	....	46	....	....	....	....	....	..	}	
....	...	38	38	38	38	.....	.....	.....	.....	38	....	....	.....	....	....	....	....	....	..	}	
6	...	9	9	9	9	7	7	7	6	9	....	....	.....	....	....	....	....	....	..	928 00	43 75
....	...	11	11	11	11	3	.....	.....	.....	11	....	....	11	....	....	....	....	....	..	978 00	247 40
...	...	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	....	.....	....	....	....	....	....	..	70 00	95
....	...	15	15	15	15	6	5	5	....	15	....	....	15	....	....	....	....	....	..	993 00	282 49
9	...	38	38	38	38	21	16	16	9	38	....	....	.....	....	....	....	....	....	..	956 00	.....
10	...	22	22	22	22	19	15	15	10	22	....	....	22	....	....	....	....	....	..	628 35	456 37
4	..	16	16	16	16	9	9	9	4	16	....	....	.....	....	....	....	....	....	..	928 00	276 81
5	...	17	17	17	17	10	9	9	5	17	....	....	17	....	....	....	....	....	..	993 00	136 79
4	...	19	19	19	19	13	10	10	4	19	....	....	.....	....	....	....	....	....	..	993 00	60 60
14	8	30	30	30	30	22	30	22	22	30	....	....	.....	8	8	8	8	8	..	}	
...	...	33	33	33	33	6	.....	.....	.....	33	....	....	33	....	....	....	....	....	..	} 1,208 35	766 30
2	...	22	22	22	22	14	7	7	2	22	....	....	.....	....	....	....	....	....	..	993 00	.....
7	...	33	33	33	33	22	18	18	7	33	....	....	33	....	....	....	....	....	..	628 35	420 37
9	...	24	24	24	24	24	24	24	9	24	....	....	.....	....	....	....	....	....	..		
....	...	19	19	19	19	7	.....	.....	.....	19	....	....	19	....	....	....	....	....	..	} 1,921 00	286 92
1	...	18	18	18	18	12	6	6	1	18	....	....	18	....	....	....	....	....	..	1,318 00	.....
....	...	24	24	24	24	11	3	3	....	24	....	....	.....	....	....	....	....	....	..	882 00	.....
1	...	8	8	8	8	4	4	4	1	8	....	....	8	....	....	....	....	....	..	863 00	.....
4	...	11	11	11	11	8	7	7	4	11	....	....	11	....	....	....	....	....	..	1,123 00	28 15

RURAL AND ASSISTED SCHOOLS.

SCHOOL.	TEACHER.	CERTIFICATE.	Annual Salary.	Days School was in Session.	No. of Pupils enrolled.	Boys.	Girls.	Average Daily Attendance.	First Primer.	Second Primer.	First Reader.	Second Reader.	Third Reader.
			$										
Duck Range	Miss E. Mude	3rd Class	720	155	22	8	14	11.41	7	1	...	4	5
Duhamel	Miss L. A. Hunter	3rd "	960	148½	11	6	5	8.90	....	2	...	....	5
Dunster	Miss M. J. Watson	Temporary	1,020	181	10	2	8	8.29	....	3	2	....	4
Ecoole	Miss L. I. Finlayson	"	900	127	13	8	5	12.14	4	....	....	2	5
Edgewood	Miss M. Philip	2nd Class	960	178	24	13	11	13.74	5	4	1	4	4
Eholt	Miss E. W. Wigley	3rd "	900	164	18	10	8	12.54	4	2	2	2	2
Elk Bridge	P. Murray	1st "	1,020	174	25	13	12	18.34	6	1	7	1	6
Elko	Miss M. M. M. Anderson	2nd "	960	147½	33	12	21	18.55	10	3	6	5	4
Elk Prairie	A. M. D. Greig	Temporary	960	148	10	4	6	6.51	2	....	....	4	3
Ellison	L. G. Baker	2nd Class	840	184	19	7	12	11.96	....	4	2	....	4
Empire Valley													
Endako	Miss V. England	2nd Class	1,020	166	10	5	5	5.86	4	2	1	....	1
Enderby, North	Miss E. R. Cary	2nd "	900	195	14	7	7	12.56	....	2	1	2	6
Engen	Mrs. M. Donovan	Temporary	1,020	93	7	3	4	4.89	2	1	1	2	....
Erickson	Miss J. Palmer	3rd Class	960	156	29	17	12	19.44	7	3	3	...	10
Erie	G. A. Johnson	3rd "	960	194	12	5	7	8.61	2	....	1	3	3
Errington	Miss M. M. Despard	3rd "	900	181½	26	11	15	18.39	3	....	6	1	4
Essington	Miss L. C. Johnson	3rd "	960	193	25	17	8	14.22	7	3	....	3	5
Essondale	Miss M. B. Cunningham	1st "	960	171	18	7	11	16.09	3	3	1	4	5
Extension, 1st Division	Miss C. Mazzoline	2nd "	1,200	150	16	8	8	15.60	....	....	....	....	1
" 2nd "	Miss E. B. MacKinnell	3rd "	960	150	33	18	15	27.44	....	....	....	6	27
" 3rd "	Miss H. E. Thomson	2nd "	840	150	30	20	10	22.93	11	....	9	10	....
Fairview	Miss E. L. Nicholson	3rd "	960	172½	13	10	3	7.58	2	2	....	1	2
Falkland	Miss W. M. New	1st "	960	189	16	8	8	6.73	6	3	3	2	2
False Bay	Miss E. J. Miller, L.L.A.	Academic	900	196	15	8	7	8.32	4	2	....	3	4
Fanny Bay	Miss M. I. Hand	2nd Class	900	163	16	10	6	13.28	1	2	....	2	4
Fauquier	Miss E. M. Ferguson	3rd "	900	160½	13	5	8	12.16	....	....	1	1	5
Ferguson	Miss M. E. Stephens	2nd "	1,000	191	9	5	4	8.20	2	....	....	1	4
Field	Miss M. Malcolm	3rd "	1,020	185½	27	21	6	23.89	4	2	2	6	8
Fife	Miss H. R. Wilkinson	1st "	960	172	30	16	14	17.24	5	2	3	9	7
Fire Valley	E. R. Freeman, B.A.	Academic	960	157	21	12	9	9.26	5	1	1	7	3
Fish Lake Road	Miss A. L. Johnson	Temporary	900	145	28	13	15	14.67	7	....	5	6	8
Flagstone	Miss O. M. Harris	2nd Class	1,080	179	27	18	9	13.01	3	3	3	8	7
Florence Mine	Miss H. Giegerich	1st "	900	150	15	9	6	12.22	4	1	3	2	3
Fort Fraser	J. S. Ross, B.A.	Academic	1,020	185	14	3	11	9.17	....	4	2	5	2
Fort George, 1st Division	L. C. Johnston	1st Class	1,380	173	32	14	18	18.24	....	....	....	11	11
" 2nd "	Miss M. R. Wade	2nd "	1,140	171	33	15	18	19.91	15	8	10	....	....
Fort George, South, 1st D	Miss M. K. Morrow	2nd "	1,260	162½	34	17	17	21.53	....	....	....	12	11
" " 2nd "	Miss M. L. Williams	3rd "	1,000	68	33	21	12	23.77	12	5	7	9	....
Fort Steele	Miss K. E. MacKay	1st "	1,020	173	42	18	24	27.13	4	6	6	5	13
Foster's Bar	Miss M. A. Brophy	3rd "	960	173½	13	7	6	9.20	2	....	2	3	3
French Creek	Miss G. Adam	3rd "	900	184	20	13	7	16.01	6	3	1	2	4
Fruitlands, 1st Division	Miss I. D. G. Irwin	2nd "	900	157½	29	21	8	18.78	....	....	....	....	18
" 2nd "	Miss C. E. Jakes	2nd "	780	157½	40	24	16	28.62	17	4	11	8	....
Fruitvale	S. G. Timaeus	1st "	960	168	58	29	29	42.02	18	11	5	6	13
Gabriola, North	Mrs. L. M. Sherk	Temporary	680	164	11	6	5	7.06	....	4	....	2	2
Gabriola, South	Mrs. A. Crump	"	600	174	24	11	13	9.33	4	1	2	5	3
Galena Bay	Miss M. B. Hyham	"	960	196	17	6	11	10.27	7	....	....	2	3
Galiano	F. W. Hicks	1st Class	840	189	15	8	7	11.77	2	2	2	4	3
Galiano, North	H. H. Taylor	3rd "	840	155	14	7	7	8.86	2	1	3	2	4
Ganges													
Ganges Harbour	Miss I. M. Burnes	2nd Class	780	181½	36	18	18	19.95	11	3	1	4	11
Gill	Mrs. E. Darlington	3rd "	900	170½	29	14	15	13.98	8	3	5	1	7
Gillis Bay	Miss C. Prefontaine	3rd "	900	190	16	9	7	12.33	3	2	1	5	3
Gilpin	Miss E. M. Stuart	1st "	900	171	11	4	7	8.40	....	2	1	2	6
Giscome	Miss J. Crighton	3rd "	1,080	175	20	9	11	10.18	4	3	....	4	3
Glacier	C. A. Procunier	Temporary	960	118	7	4	3	6.37	2	1	1	....	1
Glade, 1st Division	Miss M. Greenwood	3rd Class	1,150	121	17	17	....	14.79	....	6	4	4	3
" 2nd "	Miss M. Hutcherson	3rd "	1,100	116½	16	16	....	12.78	16	....	....	....	....
Glenbank	Miss C. W. Moore	1st "	1,020	159	46	20	26	38.40	6	....	1	10	11
Glencoe	Miss M. F. Sullivan	1st "	1,080	151	14	6	8	4.50	7	2	1	2	1
Glenemma	Miss W. F. Petrie	3rd "	720	186½	9	4	5	5.71	1	1	....	3	1
Glenora	Miss L. M. Rolfe	2nd "	900	172	18	7	11	7.15	6	....	1	2	2
Glenrosa	Miss M. Abercrombie	2nd "	840	172	10	2	8	7.16	3	1	4	....	1
Golden, 1st Division	David R. F. Fraser, B.A.	Academic	1,380	173	37	14	23	29.70	....	....	....	....	....
" 2nd "	Miss L. I. A. Inkman	Temporary	900	172	26	13	13	22.07	....	....	....	....	26
" 3rd "	Miss G. Langton	2nd Class	840	177	34	20	14	28.38	....	....	16	18	....
" 4th "	Miss A. C. Stevenson	Temporary	780	178	38	24	14	25.80	27	11	....	....	....
Goldstream	Miss E. F. Payne	3rd Class	720	179½	10	6	4	7.13	1	....	2	3	2
Granby Bay, 1st Division	R. G. Dunbar, B.A.	Academic	1,800	173	28	11	17	27.12	....	....	....	....	17
" 2nd "	Miss C. J. Milligan	2nd Class	1,380	174	35	22	13	31.70	....	....	....	35	....
" 3rd "	Miss D. G. Bower	3rd "	1,200	173	44	19	25	36.81	22	9	13	....	....
Granby Bay Mine, 1st D.	Miss R. Milligan	2nd "	1,560	174	22	10	12	17.09	....	....	....	....	14
" 2nd "	Miss E. A. Olson	3rd "	1,200	120	19	12	7	15.44	6	....	....	8	5

SCHOOL-YEAR ENDING JUNE 30TH, 1919—*Continued.*

Number of Pupils in each Reader and in each Subject of Study.																				Amount paid by Government on account of Teachers' Salaries, etc.	Amount paid by District in addition to Expenditure by Government.
Fourth Reader.	Fifth Reader.	Writing, Dictation and Spelling, and Composition.	Arithmetic.	Nature Lessons and Hygiene.	Drawing.	Geography.	Canadian History and British History.	English Grammar.	English Literature.	Physical Exercises.	Manual Training.	Domestic Science (Needlework, etc.).	Music.	Algebra.	Geometry.	Latin.	French.	Physical Science.	Botany.		
																				$ cts.	$ cts.
5	...	22	22	22	22	14	10	10	5	22	....	....	22	....	....	....	....	..	..	628 35	290 77
4	...	11	11	11	11	9	9	9	4	11	....	....	....	....	....	....	....	..	..	918 00	346 68
1	...	10	10	10	10	5	5	5	1	10	....	....	....	....	....	....	....	..	..	1,032 40	164 81
2	...	13	13	13	13	9	7	7	2	13	....	....	13	....	....	....	....	..	..	838 00	.....
6	...	24	24	24	24	14	10	10	6	24	....	....	....	....	....	....	....	..	..	993 00	.....
6	...	18	18	18	18	10	8	8	6	18	....	....	18	....	....	....	....	..	..	928 00	79 22
4	...	25	25	25	25	11	10	10	4	25	....	....	....	....	....	....	....	..	..	1,058 00	180 05
5	...	33	33	33	33	14	9	9	5	33	....	....	33	....	....	....	....	..	..	601 95	881 85
1	...	10	10	10	10	8	4	4	1	10	....	....	10	....	....	....	....	..	..	915 10	66 80
9	...	19	19	19	19	13	13	13	9	19	....	....	....	....	....	....	....	..	..	628 35	758 50
....	...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	..	..	98 00	.....
2	...	10	10	10	10	3	3	3	2	10	....	....	10	....	....	....	....	..	..	1,029 20	....
3	...	14	14	14	14	11	9	9	3	14	....	....	14	....	....	....	....	..	..	628 35	448 84
1	...	7	7	7	7	3	1	1	1	7	....	....	....	....	....	....	....	..	..	457 10	.....
6	...	29	29	29	29	16	16	16	6	29	....	....	....	....	....	....	....	..	..	512 35	489 48
3	...	12	12	12	12	9	6	6	3	12	....	....	12	....	....	....	....	..	..	993 00	121 06
12	..	26	26	26	26	17	16	16	12	26	....	....	....	....	....	....	....	..	..	928 00	134 05
7	...	25	25	25	25	15	12	12	7	25	....	..	25	....	....	....	....	..	..	628 35	635 70
2	...	18	18	18	18	11	7	7	2	18	....	....	....	....	....	....	....	..	..	993 00	.....
15	...	16	16	16	16	16	16	16	15	16	....	....	....	....	....	....	....	..	..		
....	...	33	33	33	33	33	27	27	....	33	....	....	33	....	....	....	....	..	..	3,109 00	140 30
....	...	30	30	30	30	16	.....	.....	.....	30	....	....	30	....	....	....	....	..	..		
6	...	13	13	13	13	9	8	8	6	13	....	....	....	....	....	....	....	..	..	993 00	142 92
....	...	16	16	16	16	4	2	2	....	16	....	....	16	....	....	....	....	..	..	993 00	76 13
2	...	15	15	15	15	9	6	6	2	15	....	....	....	....	....	....	....	..	..	928 00	.....
7	...	16	16	16	16	13	11	11	7	16	....	....	....	....	....	....	....	..	..	906 30	130 25
6	...	13	13	13	13	12	11	11	6	13	....	....	....	....	....	....	....	..	..	787 00	109 60
2	...	9	9	9	9	7	6	6	2	9	....	....	....	....	....	....	....	..	..	1,020 70	....
5	...	27	27	27	27	19	13	13	5	27	....	....	27	....	....	....	....	..	..	628 35	1,184 85
4	...	30	30	30	30	20	11	11	4	30	....	....	....	....	....	....	....	..	..	993 00	130 79
4	...	21	21	21	21	14	7	7	4	21	....	....	....	....	....	....	....	..	..	993 00	227 58
2	...	28	28	28	28	16	10	10	2	28	....	....	....	....	....	....	....	..	..	866 40	12 35
3	...	27	27	27	27	18	10	10	3	27	....	....	....	....	....	....	....	..	..	1,123 00	107 65
2	...	15	15	15	15	7	5	5	2	15	....	....	....	....	....	....	....	..	..	858 00	.....
1	...	14	14	14	14	8	3	3	1	14	....	....	....	....	....	....	....	..	..	1,051 80	13 10
10	...	32	32	32	32	32	21	21	10	32	....	....	32	....	....	....	....	..	..		
....	...	33	33	33	33	.....	.....	.....	.....	33	....	....	33	....	....	....	....	..	..	2,636 00	.....
11	...	34	34	34	34	34	22	22	11	34	....	....	....	....	....	....	....	..	..		
....	...	33	33	33	33	9	.....	.....	.....	33	....	....	....	....	....	....	....	..	..	1,666 40	.....
8	...	42	42	42	42	26	21	21	8	42	....	....	42	....	....	....	....	..	..	676 70	595 55
3	...	13	13	13	13	9	6	6	3	13	....	....	13	....	....	....	....	..	..	918 00	.....
4	...	20	20	20	20	10	8	8	4	20	....	....	....	....	....	....	....	..	..	928 00	206 51
11	...	29	29	29	29	29	29	29	11	29	....	....	29	....	....	....	....	..	..		
....	...	40	40	40	40	8	.....	.....	.....	40	....	....	40	....	....	....	....	..	..	1,256 70	1,001 47
5	...	58	58	58	58	24	18	18	5	58	....	....	....	....	....	....	....	..	..	580 00	582 17
3	...	11	11	11	11	7	5	5	3	11	....	....	....	....	....	....	....	..	..	583 45	161 45
9	...	24	24	24	24	17	12	12	9	24	....	....	....	....	....	....	....	..	..	585 00	89 90
5	...	17	17	17	17	10	8	8	5	17	....	....	....	....	....	....	....	..	..	993 00	199 47
2	...	15	15	15	15	9	5	5	2	15	....	....	....	....	....	....	....	..	..	863 00	....
2	...	14	14	14	14	8	6	6	2	14	....	....	....	....	....	....	....	..	..	863 00	.....
....	...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	..	..	60 00	.....
6	...	36	36	36	36	21	17	17	6	36	....	....	36	....	....	....	....	..	..	864 00	339 23
5	...	29	29	29	29	13	12	12	5	29	....	....	29	....	....	....	....	..	..	897 80	199 33
2	...	16	16	16	16	10	5	5	2	16	....	....	16	....	....	....	....	..	..	928 00	31 49
...	...	11	11	11	11	8	6	6	....	11	....	....	....	....	....	....	....	..	..	928 00	46 00
6	...	20	20	20	20	13	9	9	6	20	....	....	20	....	....	....	....	..	..	1,076 00	136 05
2	...	7	7	7	7	3	3	3	2	7	....	....	....	....	....	....	....	..	..	540 00	.....
....	...	17	17	17	17	7	3	3	....	17	....	....	....	....	....	....	....	..	..		
....	...	16	16	16	16	.....	.....	.....	.....	16	....	....	....	....	....	....	....	..	..	2,273 00	.....
18	...	46	46	46	46	39	29	29	18	46	....	....	46	....	....	....	....	..	..	628 35	942 14
1	...	14	14	14	14	4	2	2	1	14	....	....	....	....	....	....	....	..	..	1,123 00	....
3	...	9	9	9	9	7	4	4	3	9	....	....	....	....	....	....	....	..	..	628 35	206 34
7	...	18	18	18	18	11	9	9	7	18	....	....	18	....	....	....	....	..	..	928 00	94 14
1	...	10	10	10	10	2	2	2	1	10	....	....	....	....	....	....	....	..	..	863 00	90 40
37	...	37	37	37	37	37	37	37	37	37	....	....	....	....	....	....	....	..	..		
....	...	26	26	26	26	26	26	....	....	26	....	....	....	....	....	....	....	..	..		
....	...	34	34	34	34	18	.....	.....	.....	34	....	....	34	....	....	....	....	..	..	3,093 40	4,148 59
...	...	38	38	38	38	.....	.....	.....	.....	38	....	....	38	....	....	....	....	..	..		
2	...	10	10	10	10	7	4	4	2	10	....	....	10	....	....	....	....	..	..	628 35	198 30
11	...	28	28	28	28	28	28	28	11	28	....	....	....	....	....	....	....	..	..		
....	...	35	35	35	35	35	.....	.....	.....	35	....	....	....	....	....	....	....	..	..	1,885 05	5,729 77
....	...	44	44	44	44	.....	.....	.....	.....	44	....	....	....	....	....	....	....	..	..		
8	...	22	22	22	22	22	22	8	22	....	....	....	....	....	....	....	....	..	..		
....	...	19	19	19	19	13	5	5	....	19	....	....	19	....	....	....	....	..	..	976 35	.....

RURAL AND ASSISTED SCHOOLS.

SCHOOL.	TEACHER.	CERTIFICATE.	Annual Salary.	Days School was in Session.	No. of Pupils enrolled.	Boys.	Girls.	Average Daily Attendance.	First Primer.	Second Primer.	First Reader.	Second Reader.	Third Reader.
			$										
Grande Prairie	Mrs. S. Jones	Temporary	780	110	20	11	9	12.99	8	....	1	5	3
Grandview Bench	Miss A. E. Carlson	2nd Class	900	196	10	5	5	7.93	5	....	2	1	2
Granite Bay	Miss M. I. Weatherhead	2nd "	960	195½	18	8	10	15.11	2	....	4	3	4
Grantham	Miss B. C. N. Muir	2nd "	960	145½	27	12	15	17.14	5	....	5	4	6
Grant Mine	T. Bryant	1st "	900	196	23	6	17	18.00	1	9	2	2	7
Grindrod	Miss M. H. Mathewson	3rd "	840	196	17	9	8	8.81	6	....	2	1	6
Half Moon Bay (closed)	Miss V. V. Dennison	2nd "	840	....	....	....	....	....	....	....	....	....	....
Hall's Landing	Miss M. H. Walker	3rd "	960	162½	17	7	10	13.87	1	2	4	1	4
Happy Valley	Miss E. D. Bird	1st "	780	175	19	12	7	13.38	6	....	2	1	7
Harewood, 1st Division	A. A. Hartley, B.A	Academic	1,380	161	32	13	19	22.29	....	....	....	....	....
" 2nd "	Miss M. Jackson	2nd Class	1,140	161	34	16	18	28.15	....	....	....	....	34
" 3rd "	Miss R. Devlin	1st "	1,020	161	42	22	20	35.26	....	....	....	....	42
" 4th "	Miss N. Green	2nd "	900	161	36	17	19	31.36	36	....	....	....	....
" 5th "	Miss E. Coombs	1st "	840	161	35	16	19	31.29	21	10	4	....	....
" 6th "	Miss E. J. Cavalsky	3rd "	840	161	23	15	8	22.16	18	5	....	....	....
" 7th "	Miss C. M. Thornton	2nd "	840	159	38	19	19	34.30	....	21	17	....	....
" 8th "	Miss N. Rogers	1st "	840	161	49	31	18	41.37	....	....	....	49	....
Harpers Camp	Mrs. E. Proctor	1st "	1,140	193	14	6	8	10.89	4	....	2	1	3
Harrogate	Miss I. Alton	Temporary	900	142	17	5	12	10.57	3	4	1	6	2
Harrop	Miss I. Sutton	2nd Class	1,000	157	18	8	10	14.17	4	....	1	3	4
Hartley	Miss G. M. McNeill	Temporary	1,020	176	10	5	5	7.68	....	....	....	2	4
Hat Creek	Miss W. Hayes	1st Class	875	115	8	5	3	7.53	2	....	....	1	3
Hatzic Prairie	Miss I. C. Gault	2nd "	700	161	10	4	6	5.90	....	....	2	1	4
Haysport	....	....	....	....	....	....	....	....	....	....	....	....	....
Hazelton	Miss M. B. Wentzel	1st Class	1,140	167	16	5	11	14 16	3	....	1	7	3
Hazelton, New	Miss S. Gladstone	2nd "	1,140	160	21	11	10	14.23	9	2	2	2	6
Headquarters	Miss A. Hildebrand	1st "	840	151	18	8	10	16.67	6	1	1	4	2
Hedley, 1st Division (Sup.)	A. A. Chapman	Temporary	1,020	161½	20	9	11	16.36	....	....	....	....	....
" 2nd "	Miss M. S. Bell	2nd Class	900	161	17	5	12	15.75	....	....	....	3	7
" 3rd "	Miss G. C. Smith	2nd "	900	154	22	10	12	17.31	12	4	1	5	....
Heffley Creek	Miss M. I. Macdonald	2nd "	960	157½	19	11	8	11.93	5	2	1	....	6
Heffley Creek, Upper	Miss C. M. Tribe	2nd "	840	60	11	8	3	8.70	5	....	3	....	2
Heffley Lake	Miss R. M. Shaw	2nd "	960	70	8	6	2	7.24	1	1	....	2	3
Hendon	Miss G. E. Coburn	2nd "	900	189	11	7	4	5.76	3	1	1	....	4
Heriot Bay	Miss P. A. Tourigny	Academic	960	169½	20	13	7	11.68	8	1	3	2	1
Hidden Bay	C. Leys, M.A	"	840	192	7	1	6	6.88	....	....	....	1	2
Highland	J. Likeman	3rd Class	780	181	15	7	8	7.89	4	2	....	1	4
Hillborn	Mrs. M. C. Fisher	2nd "	1,080	168	10	6	4	9.84	1	....	....	4	2
Hilltop	Miss O. C. Steen	3rd "	960	193	13	7	6	9.56	2	1	....	2	7
Hilton	Mrs. A. Briand	1st "	960	192½	10	4	6	5.66	4	1	2	....	2
Hope, 1st Division	A. E. Eckardt	2nd "	1,000	114	25	11	14	19.97	....	....	....	....	10
" 2nd "	Miss F. McKinnon	3rd "	650	122	33	16	17	25.18	12	7	3	11	....
Hope Station	Miss G. A. Raffenberg	Temporary	840	138	9	4	5	8.60	3	2	1	1	1
Hornby Island	Miss G. M. Allison	3rd Class	840	191	9	3	6	6.29	2	2	1	1	3
Horse Creek	U. B. McCallum	Temporary	960	176	17	13	4	12.34	3	3	....	2	3
Hosmer	A. G. Norman, B.A	Academic	1,020	175	28	9	19	18.80	8	....	4	1	9
Houston	Miss N. Bevier	3rd Class	1,020	177	14	5	9	8.09	2	2	3	3	2
Howe Sound, 1st Division	B. S. McDonald	2nd "	1,200	152	20	4	16	15.98	....	....	....	....	....
" 2nd "	Mrs. L. L. Woodworth,	Academic	1,020	161	32	14	18	23.46	....	....	....	....	23
" 3rd "	Miss E. E. Gibson	3rd Class	900	158	30	15	15	21.37	18	4	2	6	....
Hume, 1st Division	E. Sparks	1st "	1,500	154	25	15	10	22.14	....	....	....	....	....
" 2nd "	Miss G. McIntyre	2nd "	960	153	27	11	16	25.27	....	....	....	....	16
" 3rd "	Mrs. B. Williams	3rd "	960	153	28	13	15	25.33	....	....	....	13	15
" 4th "	Miss C. A. Coates	1st "	960	153	26	19	7	22.45	....	....	26	....	....
" 5th "	Miss O. V. Abey	3rd "	840	154	39	23	16	31.06	30	9	....	....	....
Hupel	Miss S. J. Harvey	3rd "	960	180	10	7	3	6.78	2	1	1	1	2
Hurlingham	Miss L. L. Mitchell	2nd "	960	186	8	4	4	5.28	2	....	....	1	4
Huscroft	Miss M. E. Dow	2nd "	900	144	18	8	10	12.25	2	....	4	4	3
Hutton	S. O. Harries	1st "	1,020	81	29	18	11	21.02	2	7	1	9	7
Ingram Mountain	Miss D. F. L. Debney	3rd "	900	141½	9	1	8	7.92	....	1	....	2	3
Invermere	A. McKinnon	Temporary	960	175½	19	8	11	10.44	3	2	3	3	3
Inverness	J. N. Muir, B.A	Academic	960	180	11	4	7	6.43	3	....	1	1	5
Ioco, 1st Division	Miss M. E. Kneeshaw	2nd Class	1,020	177	29	11	18	22.53	....	....	....	....	16
" 2nd "	Miss F. S. Hailey	2nd "	900	137	26	15	11	25.77	9	3	4	10	....
Isabella Point	A. W. Cooke	2nd "	875	189	15	10	5	12.50	3	....	2	6	4
Jaffray	Miss K. S. Poole	1st "	1,100	178½	47	22	25	33.12	11	....	6	14	9
James Island	Mrs. M. P. Ramsay	2nd "	840	162½	24	15	9	18.25	8	1	4	....	8
Jordan River	Miss I. E. McDonald	2nd "	840	187	18	8	10	13.81	4	3	1	5	3
Kaleden (closed)	C. Turner	1st "	900	....	....	....	....	....	....	....	....	....	....
Kaleva	Miss A. Rogge	Temporary	960	169	15	6	9	12.32	5	....	1	4	3
Kedleston	Miss A. Thorlakson	2nd Class	960	189½	15	7	8	8.64	3	....	2	4	5
Keefers	Miss K. B. Fletcher	2nd "	840	185½	10	6	4	8.57	2	1	2	1	2
Kelowna, East	Miss A. S. Reekie	2nd "	900	173	27	12	15	19.67	8	2	2	4	6
Kelowna, North	Miss M. T. Macfie	2nd "	840	181	17	11	6	13.37	4	1	2	2	1

SCHOOL-YEAR ENDING JUNE 30TH, 1919—*Continued.*

Number of Pupils in each Reader and in each Subject of Study.																					Amount paid by Government on account of Teachers' Salaries, etc.	Amount paid by District in addition to Expenditure by Government.
Fourth Reader.	Fifth Reader.	Writing, Dictation and Spelling, and Composition.	Arithmetic.	Nature Lessons and Hygiene.	Drawing.	Geography.	Canadian History and British History.	English Grammar.	English Literature.	Physical Exercises.	Manual Training.	Domestic Science (Needlework, etc.).	Music.	Algebra.	Geometry.	Latin.	French.	Physical Science.	Botany.			
																					$ cts.	$ cts.
3	...	20	20	20	20	11	6	6	3	20	....	....	.....	....	...	...	...	..	..		570 35	189 05
....	...	10	10	10	10	3	2	2	....	10	....	....	.....	....	..	..	..	..	..		774 00	161 78
5	...	18	18	18	18	12	9	9	5	18	...	....	18	....	..	..	..	..	..		993 00	22 50
7	...	27	27	27	27	17	13	13	7	27	....	....	27	....	..	..	..	..	..		993 00	129 80
2	...	23	23	23	23	11	9	9	2	23	....	....	.....	....	..	..	..	..	..		928 00	8 65
2	...	17	17	17	17	9	8	8	2	17	....	....	.....	....	..	..	..	..	..		628 35	473 78
....	...	...	...	...	...	...	...	...	...	...	....	....	.....	....	..	..	..	..	..		377 00	.....
5	...	17	17	17	17	10	9	9	5	17	....	....	.....	....	..	..	..	..	..		993 00	215 08
3	...	19	19	19	19	11	10	10	3	19	....	....	19	..	..	..	..	..	..		628 35	348 05
32	...	32	32	32	32	32	32	32	32	32	..	....	.....	....	..	..	..	..	..			
....	...	34	34	34	34	34	34	34	....	34	....	....	.....	....	..	..	..	..	..			
....	...	42	42	42	42	42	42	42	....	42	....	....	.....	....	..	..	..	..	..			
...	...	36	36	36	36	....	.....	....	....	36	...	....	.....	....	..	..	..	..	..			
....	...	35	35	35	35	.....	.....	.....	....	35	..	....	35	....	..	..	..	..	..		8,074 00	2,026 25
....	...	23	23	23	23	.....	.....	.....	....	23	....	....	.....	....	..	..	..	..	..			
....	...	38	38	38	38	.....	.....	.....	....	38	....	....	.....	....	..	..	..	..	..			
...	...	49	49	49	49	49	.....	.....	....	49	....	....	.....	....	..	..	..	..	..			
4	...	14	14	14	14	8	7	7	4	14	....	....	14	....	..	..	..	..	..		1,188 00	.....
1	...	17	17	17	17	9	3	3	1	17	....	....	17	....	..	..	..	..	..		773 55	20 55
6	...	18	18	18	18	13	10	10	6	18	....	....	.....	....	..	..	..	..	..		1,033 20	133 01
4	...	10	10	10	10	10	8	8	4	10	....	....	10	....	..	..	..	..	..		885 20	....
2	...	8	8	8	8	6	5	5	2	8	....	....	8	....	..	..	..	..	..		507 30	.....
3	...	10	10	10	10	8	7	7	3	10	....	1	.....	....	..	..	..	..	..		558 90	325 10
....	...	...	...	...	...	...	...	...	...	...	....	....	.....	....	..	..	..	..	..		75 00	.....
2	...	16	16	16	16	12	5	5	2	16	....	....	16	....	..	..	..	..	..		1,188 00	111 35
....	...	21	21	21	21	8	6	6	....	21	....	....	21	....	..	..	..	..	..		1,177 55	.....
4	...	18	18	18	18	10	6	6	4	18	....	....	.....	....	..	..	..	..	..		855 20	286 76
10	10	20	17	10	17	10	17	10	20	20	....	....	.....	10	10	10	10	3	3			
7	...	17	17	17	17	17	14	14	7	17	....	....	17	....	..	..	..	..	..		1,885 05	2,633 90
....	...	22	22	22	22	1	...	.....	....	22	....	....	22	....	..	..	..	..	..			
5	...	19	19	19	19	11	11	11	5	19	....	....	.....	....	..	..	..	..	..		1,021 20	369 53
3	...	11	11	11	11	3	3	3	1	11	....	....	.....	....	..	..	..	..	..		273 70	536 12
1	...	8	8	8	8	6	4	4	1	8	....	....	.....	....	..	..	..	..	..		453 00	17 50
2	...	11	11	11	11	6	6	6	2	11	....	....	11	....	..	..	..	..	..		928 00	257 90
5	...	20	20	20	20	8	6	6	5	20	....	....	.....	....	..	..	..	..	..		993 00	219 18
4	...	7	7	7	7	7	6	6	4	7	....	....	.....	....	..	..	..	..	..		863 00	18 00
3	1	15	15	14	15	8	8	7	4	15	....	....	.....	1	1	1	1	..	..		798 00	255 63
3	...	10	10	10	10	9	5	5	3	10	....	....	.....	....	..	..	..	..	..		1,028 30	6 68
1	...	13	13	13	13	10	8	3	1	13	....	....	.....	....	..	..	..	..	..		993 00	107 41
1	...	10	10	10	10	3	3	3	1	10	....	....	10	....	..	..	..	..	..		987 20	.....
15	...	25	25	25	25	25	25	25	15	25	....	....	.....	....	..	..	..	..	..			
....	...	33	33	33	33	11	.....	.....	....	33	....	....	.....	....	..	..	..	..	..		1,008 50	2,309 43
1	..	9	9	9	9	3	2	2	1	9	....	....	.....	....	..	..	..	..	..		837 95	.....
....	...	9	9	9	9	4	3	3	....	9	....	....	.....	....	..	..	..	..	..		863 00	34 10
6	...	17	17	17	17	11	9	9	6	17	....	....	17	....	..	..	..	..	..		993 00	85 00
6	...	28	28	28	28	16	15	15	6	28	....	....	28	....	..	..	..	..	..		1,058 00	.....
2	...	14	14	14	14	7	4	4	2	14	....	....	14	....	..	..	..	..	..		1,058 00	68 60
1	13	20	18	7	18	7	18	7	20	20	....	....	.....	13	13	11	13	4	2			
9	...	32	32	32	32	32	32	32	9	32	....	....	.....	....	..	..	..	..	..		1,761 30	2,239 22
....	...	30	30	30	30	6	...	...	....	30	....	....	.....	....	..	..	..	..	..			
25	...	25	25	25	25	25	25	25	25	25	....	....	.....	....	..	..	..	..	..			
11	...	27	27	27	27	27	27	27	11	27	....	....	.....	....	..	..	..	..	..			
....	...	28	28	28	28	28	15	15	....	28	....	....	.....	....	..	..	..	..	..		3,141 75	3,902 12
....	...	26	26	26	26	.....	.....	.....	....	26	....	....	.....	....	..	..	..	..	..			
....	...	39	39	39	39	.....	.....	.....	....	39	....	....	.....	....	..	..	..	..	..			
3	...	10	10	10	10	6	5	5	3	10	....	....	.....	....	..	..	..	..	..		987 00	45 95
1	...	8	8	8	8	6	5	5	1	8	....	....	.....	....	..	..	..	..	..		993 00	287 27
5	...	18	18	18	18	12	8	8	5	18	....	....	18	....	..	..	..	..	..		928 00	.....
3	...	29	29	29	29	19	10	10	3	29	....	....	29	....	..	..	..	..	..		408 00	.....
1	2	9	9	7	9	6	6	4	3	9	....	....	.....	2	2	2	2	..	..		928 00	24 00
5	...	19	19	19	19	11	8	8	5	19	....	....	.....	....	..	..	..	..	..		993 00	1,523 64
1	...	11	11	11	11	7	6	6	1	11	....	....	11	....	..	..	..	..	..		978 00	.....
13	...	29	29	29	29	29	29	29	13	29	...	...	29	...	...	...	...	...	...			
...	...	26	26	26	26	10	.....	.....	....	26	....	....	.....	....	..	..	..	..	..		1,633 80	1,562 98
....	...	15	15	15	15	10	4	4	....	15	....	....	.....	....	..	..	..	..	..		901 70	.....
7	...	47	47	47	47	30	16	16	7	47	....	....	47	....	..	..	..	..	..		628 35	799 47
3	...	24	24	24	24	11	11	11	3	24	....	....	24	....	..	..	..	..	..		860 50	134 58
2	...	18	18	18	18	10	5	5	2	18	....	....	18	....	..	..	..	..	..		863 00	117 15
....	...	...	...	...	...	...	...	...	...	...	....	....	.....	....	..	..	..	..	..		238 00	.....
2	...	15	15	15	15	9	5	5	2	15	....	....	.....	....	..	..	..	..	..		993 00	164 90
1	...	15	15	15	15	10	6	6	1	15	....	....	.....	....	..	..	..	..	..		993 00	93 50
2	...	10	10	10	10	5	4	4	2	10	....	....	.....	....	..	..	..	..	..		863 00	100 00
5	...	27	27	27	27	15	11	11	5	27	....	....	.....	....	..	..	..	..	..		928 00	.....
7	...	17	17	17	17	10	8	8	7	17	....	....	.....	....	..	..	..	..	..		628 35	533 30

RURAL AND ASSISTED SCHOOLS.

SCHOOL.	TEACHER.	CERTIFICATE.	Annual Salary.	Days School was in Session.	No. of Pupils enrolled.	Boys.	Girls.	Average Daily Attendance.	First Primer.	Second Primer.	First Reader.	Second Reader.	Third Reader.
			$										
Keremeos, 1st Division	G. L. Davies	1st Class	1,008	170	35	15	20	21.98	....	....	....	....	17
" 2nd "	Miss A. E. McGuffie	3rd "	900	174	34	15	19	23.56	14	3	3	14	....
Kettle River, North	Miss J. M. Campbell	3rd "	960	135	16	10	6	12.60	2	5	....	3	3
Kettle Valley	Miss B. A. Hurry	3rd "	960	131½	9	6	3	8.96	2	....	3	2	2
Kildonan	J. King	3rd "	900	183	7	2	5	6.39	2	....	1	1	1
Killarney	Miss R. E. Mitchell	2nd "	960	181	18	11	7	11.08	2	3	2	2	4
Kimberley, 1st Division	H. S. Doubleday	Temporary	1,140	124½	33	13	20	29.24	2	....	1	6	14
" 2nd "	Miss R. M. Reid	3rd Class	1,020	104	25	13	12	19.37	15	4	6	....	....
Kingcome Inlet	Miss B. Roney	2nd "	960	181	12	4	8	9.00	2	1	3	....	1
Kingsgate	Miss N. I. McGregor	Academic	960	173½	9	5	4	6.21	2	1	1	....	4
Kinnaird	Miss I. M. Marshall	3rd Class	900	174	19	9	10	8.21	8	1	....	3	6
Kitchener	Miss Z. M. Johnson	2nd "	960	151	15	5	10	11.02	10	....	....	1	3
Kitimat													
Kitsumgallum	H. A. Ferguson	Temporary	1,500	178	48	29	19	23.27	14	5	9	4	9
Knutsford	Miss B. L. Keller	3rd Class	875	173	14	7	7	9.39	1	2	....	1	4
Koch Siding	Miss M. E. Donaldson	1st "	900	160	15	12	3	9.81	4	....	4	3	2
Koksilah	Miss M. W. Evans	3rd "	900	162	18	15	3	13.08	5	3	1	....	5
Krestova	Miss M. Matz	2nd "	1,100	131	22	....	....	12.01	....	12	2	8	....
Lac du Bois	Miss N. B. Chute	1st "	900	148	12	7	5	8.14	2	....	1	....	5
Lac la Hache	Miss M. M. Keenan	2nd "	1,000	159	8	6	2	5.95	3	....	1	2	....
Lake Buntzen	Miss M. A. Wish	1st "	900	165	15	5	10	9.34	4	2	1	1	4
Landry	Miss A. Simpson	1st "	1,260	173	12	5	7	8.89	1	....	1	2	3
Langford	Miss S. E. Dynes	2nd "	900	155	29	12	17	19.86	3	6	3	....	10
Lazo	Miss E. T. Smith	2nd "	960	145	33	21	12	20.95	6	....	5	3	8
Lillooet	Miss D. I. Gordon	3rd "	960	185½	37	13	24	26.70	7	2	4	6	4
Little Fort	Miss D. MacDonald	3rd "	960	183	32	19	13	17.04	4	4	4	5	11
Loco													
Long Lake	Miss K. Binney	1st Class	900	176	19	11	8	9.15	4	4	2	3	2
Louis Creek	Mrs. M. Dawson	Temporary	900	151	18	8	10	10.23	5	1	2	....	9
Lucerne	Mrs. M. N. Tame	1st Class	1,000	176	31	10	21	20.23	3	5	4	3	12
Lumby, 1st Division	J. M. Orr	2nd "	1,140	176	25	12	13	19.37	....	....	....	....	12
" 2nd "	Miss M. A. Baker	2nd "	780	171½	25	10	15	20.80	7	7	....	11	....
Lund	Miss V. V. Dennison	2nd "	840	188	33	18	15	26.96	6	4	4	5	7
Lytton	A. L. Harvey, B.A.	Academic	1,020	178	30	15	15	21 25	8	2	1	4	10
Mabel Lake	Mrs. D. Finlaison	3rd Class	960	185	17	9	8	10.58	3	....	1	3	6
Magna Bay	Miss R. N. Williams	3rd "	840	191	14	8	6	5.39	5	1	2	1	1
Malakwa	Miss M. I. Coughlin	2nd "	960	178½	27	14	13	17.19	8	....	5	....	8
Malcolm Island, 1st Div.	T. C. MacCaughie, M.A.	Academic	1,200	160	30	10	20	24.37	....	....	....	....	18
" 2nd "	Miss M. Bradshaw	3rd Class	960	163	26	17	9	23.84	5	....	10	11	....
Mapes	W. H. Matheson	1st Class	1,020	196	9	5	4	6.45	....	1	2	2	2
Mara, 1st Division	Miss E. B. Smith, B.A.	Academic	960	191	17	6	11	13.98	....	....	....	....	5
" 2nd "	Miss B. L. Newman	3rd Class	840	191	25	14	11	14.64	12	2	1	10	....
Marshall	D. Hoyle, B.Sc.	Academic	900	109	10	5	5	7.75	6	2	....	....	2
Martin's Prairie	J. C. Johnston, B.Sc.	"	840	157	38	21	17	18.21	2	6	4	5	14
Marysville	Miss E. G. MacGibbon	3rd Class	900	150½	19	12	7	9.98	7	3	4	2	2
Masset	Mrs. B. Hutchison	2nd "	1,080	195	11	6	5	7.36	....	2	....	2	5
Mayne Island	Mrs. E. M. Goodyear	3rd "	720	171	25	13	12	17.88	1	3	4	3	8
Mayook	Mrs. K. H. Douglass	Temporary	1,020	98	11	8	3	9.47	2	....	2	3	2
Meadowbrook													
Meadow Spur	Miss L. C. Lindblad	2nd Class	900	182	11	6	5	6.20	....	....	2	2	4
Meadow Valley	J. J. Baker, B.A.	Academic	900	164	8	6	2	6.18	2	2	....	3	1
Meldrum Creek	Miss J. M. Richards	3rd Class	1,140	161	18	11	7	13.42	1	1	2	10	4
Metchosin	R. G. Gordon	Academic	840	167	32	16	16	23.29	4	1	3	7	8
Metlakatla	Miss O. Severs	2nd Class	1,140	195	26	14	12	22.53	3	....	5	5	8
Michel, 1st Division	Miss L. L. Smith, B.A.	Academic	1,080	169	26	11	15	20.32	....	....	....	....	12
" 2nd "	Miss C. E. Minckler	2nd Class	900	170	39	24	15	32.67	....	....	22	17	....
" 3rd "	Miss S. B. Monkley	1st "	900	170	36	13	23	20.23	23	13	....	....	....
Michel, New, 1st Division	J. A. Scutt	1st "	1,200	169	39	23	16	27.07	....	....	....	....	30
" 2nd "	Miss N. M. Stewart	3rd "	900	168½	38	18	20	28.81	....	....	17	19	1
" 3rd "	Miss C. E. Fleming	Temporary	900	162	40	18	22	33.35	24	16	....	....	....
" 4th "	Miss E. F. Anderson	2nd Class	900	168	43	26	17	33.19	43	....	....	....	....
Midway	Miss M. M. Mutrie	3rd "	1,080	161	31	12	19	21.70	12	1	2	5	5
Mill Bay	Miss W. G. Sutton	2nd "	960	162	30	13	17	11.99	6	5	3	5	4
Mill Creek, 1st Division	Miss L. M. O'Connell	2nd "	1,020	174	15	5	10	14.22	....	....	....	3	6
" 2nd "	Miss E. Till	3rd "	900	174½	22	14	8	20.38	11	3	4	4	....
Mill Plant	Miss E. C. Bretner	3rd "	960	147	30	15	15	25.12	5	2	3	5	10
Minto, 1st Division	F. W. Moore, B.A.	Academic	1,020	146	23	17	6	17.42	....	....	....	....	15
" 2nd "	Miss M. H. Gray	2nd Class	840	141½	34	21	13	23.61	12	9	7	4	....
Mission Creek	Miss L. A. Brock	2nd "	900	172½	36	16	20	27.67	3	3	1	8	9
Moberly	D. J. Munro	Temporary	960	189	7	5	2	5.99	....	1	....	....	6
Monte Creek	Miss E. M. Stewart	3rd Class	780	117	10	3	7	8.38	1	1	1	2	2
Montrose	G. O'Connor	Temporary	780	190	11	6	5	7.57	1	....	3	3	1
Morrissey Mines	A. C. Johnson	2nd Class	1,020	190	17	9	8	16.40	5	4	2	1	3
Mountain	Miss F. E. Kenyon	2nd "	960	164	30	16	14	22.94	8	6	5	5	3

SCHOOL-YEAR ENDING JUNE 30TH, 1919—*Continued.*

NUMBER OF PUPILS IN EACH READER AND IN EACH SUBJECT OF STUDY.																					Amount paid by Government on account of Teachers' Salaries, etc.	Amount paid by District in addition to Expenditure by Government.
Fourth Reader.	Fifth Reader.	Writing, Dictation and Spelling, and Composition.	Arithmetic.	Nature Lessons and Hygiene.	Drawing.	Geography.	Canadian History and British History.	English Grammar.	English Literature.	Physical Exercises.	Manual Training.	Domestic Science (Needlework, etc.).	Music.	Algebra.	Geometry.	Latin.	French.	Physical Science.	Botany.			
																					$ cts.	$ cts.
14	4	35	35	31	35	31	35	31	18	35	....	....	.....	4	4	4	4	..	..	}	1,256 70	1,655 86
....	...	34	34	34	34	14	.....	.....	.....	34	....	....	.....	...	...	...	...	..	..			
3	...	16	16	16	16	9	6	6	3	16	....	....	.....	....	...	...	...	..	..		993 00	44 91
....	...	9	9	9	9	4	2	2	....	9	....	....	9	....	...	...	...	..	..		993 00	94 34
2	...	7	7	7	7	4	3	3	2	7	....	....	.....	....	...	...	...	..	..		928 00	.....
5	...	18	18	18	18	11	9	9	5	18	....	....	18	....	...	...	...	..	..		993 00	103 17
10	...	33	33	33	33	30	24	24	10	33	....	....	.....	...	...	...	...	..	..	}	1,512 10	.....
....	...	25	25	25	25	.....	.....	.....	.....	25	....	....	25	...	...	...	...	..	..			
5	...	12	12	12	12	6	6	6	5	12	....	....	.....	....	...	...	...	..	..		918 00	8 79
1	...	9	9	9	9	5	5	5	1	9	....	....	.....	....	...	...	...	..	..		993 00	.....
1	...	19	19	19	19	10	7	7	1	19	....	....	.....	....	...	...	...	..	..		928 00	13 75
1	...	15	15	15	15	5	4	4	1	15	...	....	.....	....	...	...	...	..	..		918 00	.....
....	...	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	....	.....	....	...	...	...	..	..		85 00	.....
7	...	48	48	48	48	20	16	16	7	48	....	....	.....	....	...	...	...	..	..		628 35	1,618 06
6	...	14	14	14	14	11	10	10	6	14	....	...	14	....	...	...	...	..	..		901 70	....
2	...	15	15	15	15	7	4	4	2	15	....	....	.....	....	...	...	...	..	..		928 00	174 33
4	...	18	18	18	18	9	9	9	4	18	....	...	18	....	...	...	...	..	..		928 00	112 57
....	...	22	22	22	22	8	.....	.....	.....	22	....	....	.....	....	...	...	...	..	..		1,129 00	....
1	...	12	12	12	12	6	6	6	1	12	....	....	.....	....	...	...	...	..	..		909 20	38 50
2	...	8	8	8	8	4	2	2	2	8	....	....	8	....	...	...	...	..	..		943 20	11 50
3	...	15	15	15	15	8	7	7	3	15	....	....	15	....	...	...	...	..	..		881 00	.....
5	...	12	12	12	12	10	8	8	5	12	....	....	.....	....	...	...	...	..	..		1,218 00	....
7	...	29	29	29	29	17	17	17	7	29	....	....	29	....	...	...	...	..	..		628 35	546 00
11	...	33	33	33	33	22	19	19	11	33	....	....	33	....	...	...	...	..	..		993 00	117 00
14	...	37	37	37	37	24	18	18	14	37	....	....	37	....	...	...	...	..	..		628 35	1,086 64
4	...	32	32	32	32	20	15	15	4	32	....	....	.....	....	...	...	...	..	..		987 00	.....
....	...	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	....	.....	....	...	...	...	..	..		70 00	.....
4	...	19	19	19	19	9	6	6	4	19	....	....	.....	....	...	...	...	..	..		626 40	460 66
1	...	18	18	18	18	10	10	10	1	18	....	....	.....	....	...	...	...	..	..		628 35	486 85
4	...	31	31	31	31	19	16	16	4	31	....	....	31	....	...	...	...	..	..		1,033 20	265 45
13	...	25	25	25	25	25	25	25	13	25	....	....	.....	....	...	...	...	..	..	}	1,256 70	1,236 37
....	...	25	25	25	25	11	.....	.....	.....	25	....	....	.....	....	...	...	...	..	..			
7	...	33	33	33	33	19	14	14	7	33	....	....	.....	....	...	...	...	..	..		628 35	378 80
5	...	30	30	30	30	19	15	15	5	30	....	....	.....	....	...	...	...	..	..		628 35	944 22
4	...	17	17	17	17	13	10	10	4	17	....	....	17	....	...	...	...	..	..		993 00	13 00
4	...	14	14	14	14	6	5	5	4	14	....	....	.....	....	...	...	...	..	..		798 00	250 19
6	...	27	27	27	27	14	14	14	6	27	....	....	27	....	...	...	...	..	..		628 35	.....
12	...	30	30	30	30	30	30	30	12	30	...	....	30	....	...	...	...	..	..	}	2,293 00	282 96
....	...	26	26	26	26	11	.....	.....	.....	26	....	....	.....	....	...	...	...	..	..			
2	...	9	9	9	9	6	4	4	2	9	....	....	.....	....	...	...	...	..	..		1,058 00	50 00
12	...	17	17	17	17	17	17	17	12	17	....	....	.....	....	...	...	...	..	..	}	1,256 70	890 68
....	...	25	25	25	25	10	.....	.....	.....	25	....	....	.....	....	...	...	...	..	..			
....	...	10	10	10	10	2	2	2	....	10	....	....	.....	....	...	...	...	..	..		567 60	37 19
7	...	38	38	38	38	26	21	21	7	38	....	....	.....	....	...	...	...	..	..		609 65	433 20
1	...	19	19	19	19	5	3	3	1	19	....	....	.....	....	...	...	...	..	..		628 35	472 61
2	...	11	11	11	11	9	7	7	2	11	....	....	.....	....	...	...	...	..	..		1,123 00	218 33
6	...	25	25	26	25	17	14	14	6	25	....	....	.....	....	...	...	...	..	..		628 35	303 80
2	...	11	11	11	11	7	4	4	2	11	....	....	.....	....	...	...	...	..	..		484 30	231 35
....	...	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	....	.....	....	...	...	...	..	..		70 00	.....
3	...	11	11	11	11	9	7	7	3	11	....	....	.....	....	...	...	...	..	..		928 00	14 30
....	...	8	8	8	8	4	1	1	....	8	....	....	.....	....	...	...	...	..	..		928 00	130 00
....	...	18	18	18	18	14	4	4	....	18	....	....	.....	....	...	...	...	..	..		1,188 00	.....
9	...	32	32	32	32	24	17	17	9	32	....	....	.....	....	...	...	...	..	..		628 35	488 67
5	...	26	26	26	26	18	13	13	5	26	....	....	.....	....	...	...	...	..	..		1,188 00	21 81
14	...	26	26	26	26	26	26	26	14	26	....	....	.....	....	...	...	...	..	..			
....	...	39	39	39	39	17	.....	.....	.....	39	....	....	.....	....	...	...	...	..	..	}	1,881 20	
....	...	36	36	36	36	.....	.....	.....	.....	36	....	....	.....	....	...	...	...	..	..			
9	...	39	39	39	39	39	39	39	9	39	....	....	.....	....	...	...	...	..	..			
1	...	38	38	38	38	21	2	2	1	38	....	....	38	....	...	...	...	..	..			4,752 25
....	...	40	40	40	40	.....	.....	.....	.....	40	....	....	.....	....	...	...	...	..	..	}	2,449 60	
....	...	43	43	43	43	.....	.....	.....	.....	43	....	....	43	....	...	...	...	..	..			
6	...	31	31	31	31	16	11	11	6	31	....	....	.....	....	...	...	...	..	..		580 00	772 05
7	...	30	30	30	30	16	11	11	7	30	....	....	.....	....	...	...	...	..	..		1,040 00	167 40
6	...	15	15	15	15	15	12	12	6	15	....	....	15	....	...	...	...	..	..	}	1,892 00	.....
....	...	22	22	22	22	4	.....	.....	.....	22	....	....	22	....	...	...	...	..	..			
5	...	30	30	30	30	20	15	15	5	30	....	....	30	....	...	...	...	..	..		811 10	233 70
8	...	23	23	23	23	23	23	23	8	23	....	....	.....	....	...	...	...	..	..	}	1,856 00	309 83
....	...	34	34	34	34	4	.....	.....	.....	34	....	....	.....	....	...	...	...	..	..			
12	...	36	36	36	36	29	21	21	12	36	....	....	.....	....	...	...	...	..	..		628 35	563 17
....	...	7	7	7	7	6	6	6	....	7	..	....	.....	....	...	...	...	..	..		906 00	47 31
3	...	10	10	10	10	7	5	5	3	10	....	....	10	....	...	...	...	..	..		396 35	124 50
1	2	11	19	11	11	5	2	2	3	11	....	....	11	2	2	2	2	..	2		798 00	78 67
2	...	17	17	17	17	6	5	5	2	17	....	....	17	....	...	...	...	..	..		1,058 00	61 75
3	...	30	30	30	30	11	6	6	3	30	....	....	.....	....	...	...	...	..	..		993 00	123 70

RURAL AND ASSISTED SCHOOLS.

SCHOOL.	TEACHER.	CERTIFICATE.	Annual Salary.	Days School was in Session.	No. of Pupils enrolled.	Boys.	Girls.	Average Daily Attendance.	First Primer.	Second Primer.	First Reader.	Second Reader.	Third Reader.
			$										
Mount Ingersoll	Miss A. M. York	2nd Class	960	179½	19	11	8	12.37	3	2	1	3	6
Moyase	Miss D. A. Lockie	3rd "	900	138	13	4	9	7.42	3	?	....	3	3
Moyie, 1st Division	Miss C. M. Keir, L.L.A.	Academic	1,080	176	25	12	13	18.66	....	....	....	....	10
" 2nd "	Miss G. M. Stonehouse	2nd Class	900	173	18	8	10	14.98	6	....	4	5	3
Myncaster			....	....	....	....	....	....	....	....	....	....	....
Macalister	Miss M. C. Morrison	Temporary	1,080	189	8	7	1	6.21	1	....	1	1	3
McBride	A. C. Morrow	3rd Class	1,260	172	45	26	19	23.11	9	4	8	10	9
McGuire	Miss D. L. Walker	3rd "	960	184	10	4	6	8.29	2	....	2	1	1
MacKenzie	Miss P. E. L. Jenns	2nd "	1,020	166	22	15	7	18.66	1	3	5	2	5
Nakusp, 1st Division	T. J. Barron, B.A.	Academic	1,300	157	30	13	17	23.75	....	....	....	....	....
" 2nd "	S. A. Cox	1st Class	900	144	37	22	15	32.55	12	6	....	9	10
Nanaimo Bay, 1st Div.	Miss T. Sampson	1st "	1,080	163	38	19	19	25.86	....	....	....	13	21
" 2nd "	Miss B. Moore	3rd "	960	163	45	23	22	35.55	22	10	13	....	....
Nanoose Bay	Miss G. B. Wood	2nd "	875	193	25	17	8	19.29	2	3	4	3	3
Naramata	Miss I. Cargill	Temporary	....	175	32	19	13	26.05	5	....	....	8	10
Nechako	Miss B. B. Layton	Academic	1,020	166½	11	3	8	10.85	4	....	....	2	2
Needles	Miss E. Nordstrom	Temporary	960	175	19	11	8	15.06	3	2	1	4	5
New Denver, 1st Division	C. E. Burbridge	1st Class	1,200	162	32	12	20	25.33	....	....	....	....	....
" 2nd "	Miss E. M. Doherty	1st "	900	162	33	17	16	25.78	....	....	....	6	27
" 3rd "	Miss E. C. Beck	2nd "	780	162	22	16	16	29.90	11	6	5	10	....
Nickel Plate	Miss K. L. Baker	2nd "	960	175	9	6	3	5 13	3	....	1	1	1
Nicola	Miss E. A. Edmonds	3rd "	900	171	21	6	15	14.08	1	1	2	7	5
Nicola, Lower	Miss C. M. Rumbely	3rd "	900	161	28	18	10	16.95	5	1	2	4	11
Nicomen	Miss E. Moscrop	1st "	840	178	28	16	12	14.60	4	3	2	3	9
Nicomen, North	Miss M. B. Paterson	3rd "	840	182	22	11	11	15.37	6	1	3	3	6
Nimpkish	Miss E. M. Ferries	3rd "	960	152	6	4	2	5.42	1	....	....	2	2
Nine-mile Creek	Miss E. E. McDougall	3rd "	840	182½	7	5	2	6.47	....	....	....	1	....
Nob Hill	Miss C. C. Battison	2nd "	840	149	8	3	5	6.00	....	....	1	1	3
Noosatsum	Miss M. Greenaway	2nd "	960	60	9	4	5	8.90	2	4	....	1	1
North Bend, 1st Division	Miss E. Olts	2nd "	1,020	150	20	11	9	15.37	....	....	....	....	13
" 2nd "	Miss C. A. A. Robinson	2nd "	840	147	20	12	8	16.42	9	4	2	5	....
Northfield, 1st Division	W. S. Fox	1st "	1,020	163	22	12	10	13.07	....	....	....	....	12
" 2nd "	Miss A. Kenyon	2nd "	840	163	28	16	12	24.58	10	4	4	10	....
North Thompson, West	Miss I. H. Kerr	3rd "	780	193	13	9	4	8.75	2	1	2	3	2
Notch Hill, 1st Division	R. Jones	Temporary	900	180	25	11	14	19.27	....	....	....	....	9
" 2nd "	Miss L. Hayes	3rd Class	780	180	25	9	16	16.22	3	5	5	5	7
No. 7 Mine, 1st Division	Miss E. M. Percival	2nd "	1,080	161	24	17	7	18.54	....	....	....	7	13
" 2nd "	Miss A. C. Leslie	2nd "	900	159	32	20	12	26.67	15	8	9	....	....
Ocean Falls, 1st Division	G. Nutt	1st "	1,300	174½	25	9	16	15.48	....	....	....	....	....
" 2nd "	Miss R. MacDonald	1st "	1,020	174	38	21	17	31.95	....	....	....	22	16
" 3rd "	Miss E. Murray	2nd "	1,020	169½	37	21	16	28.28	25	....	12	....	....
Okanagan	Miss B. M. Ruffell	3rd "	1,020	169½	21	10	11	14.63	1	5	1	6	5
Okanagan Centre	Miss M. C. Brown	1st "	900	190½	21	11	10	14.94	4	....	3	1	5
Okanagan Falls	Mrs. K. E. Love	3rd "	960	175	16	8	8	11.05	5	....	2	3	3
Okanagan Landing	Miss O. L. Bossi	3rd "	900	186	36	15	21	22.56	5	3	4	10	6
Okanagan, South	Miss J. C. Jardine	2nd "	1,080	183	28	14	14	18.92	7	....	1	7	10
Olalla	C. Turner	1st "	960	129	13	9	4	7.29	....	1	3	1	4
Olsen Lake	Miss A. M. Turner	2nd "	900	183	11	8	3	6.26	3	....	....	3	5
One-mile Creek	Miss K. A. Graham	2nd "	900	182	11	4	7	8.78	3	2	4	1	....
Ootsa Lake	E. S. Peet	Temporary	1,020	175	8	4	4	6.88	1	1	1	....	2
Osland	Miss V. Christopherson	3rd Class	1,020	187	19	10	9	12.47	4	3	....	2	7
Osoyoos	Miss M. Mude	2nd "	960	189	8	6	2	6.50	1	2	2	1	1
Otter Point	Miss A. E. Andernach	3rd "	650	162	11	7	4	5.78	7	....	....	2	2
Outlook	Miss A. J. Spence	3rd "	1,100	113½	14	14	....	11.43	6	5	3	....	....
Oyama 1st Division	Miss M. Smith	1st "	900	194½	29	20	9	19.68	....	....	....	....	13
" 2nd "	Miss M. L. Elliott	1st "	780	195½	20	11	9	14.08	4	2	2	12	....
Oyster	Miss V. A. Davis	3rd "	935	146½	29	9	11	15.96	4	2	5	3	3
Oyster, North	Miss D. K. Williamson	2nd "	960	147	35	17	18	24.22	8	1	4	4	9
Pachelqua	H. Boothman	Temporary	960	172	18	14	4	6.71	4	5	3	....	6
Pacific	Miss M. H. Teeple	3rd Class	960	173	11	7	4	6.62	4	....	2	2	3
Parks Siding	Miss G. E. Bell	Temporary	840	155	9	5	4	8.09	1	2	2	2	2
Parksville, 1st Division	Miss E. V. Cass	2nd Class	1,020	178	19	10	9	18.13	....	....	....	....	12
" 2nd "	Miss M. H. McKinnon	2nd "	840	178	20	8	12	17.66	7	3	3	7	....
Parson	Miss E. V. Brett	3rd "	960	164	14	3	11	7.64	2	....	2	3	4
Pass Creek	Miss M. E. I. Williams	2nd "	1,120	127½	21	21	....	12.20	3	4	2	10	2
Pavilion			....	....	....	....	....	....	....	....	....	....	....
Pemberton Meadows	Miss C. C. Handy	2nd Class	780	167	11	7	4	6.54	1	....	1	1	5
Pemberton Range	W. Troughton	1st "	875	142	14	5	9	8.31	2	....	1	....	5
Pender Harbour	Miss E. Milley	3rd "	900	122½	16	8	8	11.38	7	2	4	1	1
Pender Island	Miss M. P. Hamilton	2nd "	780	191	25	11	14	17.57	3	2	....	6	14
Perry Siding	Miss O. E. Tapanila	2nd "	1,000	196	21	9	12	14.79	....	....	2	5	7
Popcum	Miss D. Albhouse	3rd "	900	178½	13	8	5	8.58	4	4	....	5	....
Porcher Island			....	....	....	....	....	....	....	....	....	....	....
Port Alice	Miss B. M. Pye	1st Class	1,020	171½	43	22	21	28.01	15	6	....	10	7

SCHOOL-YEAR ENDING JUNE 30TH, 1919—*Continued.*

NUMBER OF PUPILS IN EACH READER AND IN EACH SUBJECT OF STUDY.																					Amount paid by Government on account of Teachers' Salaries, etc.	Amount paid by District in addition to Expenditure by Government.
Fourth Reader.	Fifth Reader.	Writing, Dictation and Spelling, and Composition.	Arithmetic.	Nature Lessons and Hygiene.	Drawing.	Geography.	Canadian History and British History.	English Grammar.	English Literature.	Physical Exercises.	Manual Training.	Domestic Science (Needlework, etc.).	Music.	Algebra.	Geometry.	Latin.	French.	Physical Science.	Botany.			
																					$ cts.	$ cts.
4	...	19	19	19	19	13	10	10	4	19	....	....	.....	....	....	..	...	..	..		993 00	.....
2	...	13	13	13	13	8	5	5	2	13	....	....	13	....	....	..	...	..	..		909 20	.....
15	...	25	25	25	25	25	25	25	15	25	....	....	.....	....	....	..	...	..	..		2,051 00	518 05
....	...	18	18	18	18	8	3	3	....	18	....	....	18	....	....	..	...	..	..			
.....	...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....		70 00	....
2	...	8	8	8	8	6	5	5	2	8	....	....	8	....	....	..	...	..	..		1,123 00	231 75
5	...	45	45	45	45	24	14	14	5	45	....	....	.....	....	....	..	...	..	..		1,218 00	.....
4	...	10	10	10	10	6	5	5	4	10	....	....	.....	....	....	..	...	..	..		993 00	....
6	...	22	22	22	22	13	11	11	6	22	....	....	22	....	....	..	...	..	..		1,058 00	122 58
21	9	30	27	21	27	21	27	21	30	30	....	....	.....	9	9	9	9	3	3		1,238 00	1,651 61
....	...	37	37	37	37	19	10	10	....	37	....	....	.....	....	....	..	...	..	..			
4	...	38	38	38	33	38	25	25	4	38	....	....	.....	....	....	..	...	..	..		2,116 00	274 24
...	...	45	45	45	45	.....	.....	.....	.....	45	....	....	.....	....	....	..	...	..	..			
5	...	25	25	25	25	16	13	13	5	25	....	....	.....	....	....	..	...	..	..		901 70	160 22
9	...	32	32	32	32	27	19	19	9	32	....	....	.....	....	....	..	...	..	..		628 35	.....
3	...	11	11	11	11	7	5	5	3	11	....	....	.....	....	....	..	...	..	..		1,058 00	58 65
4	...	19	19	19	19	13	9	9	4	19	....	8	.....	....	....	..	...	..	..		891 00	89 05
24	8	32	28	24	28	24	28	24	32	32	....	....	.....	8	8	5	8	7	4			
....	...	33	33	33	33	33	27	27	....	33	....	....	.....	....	....	..	...	..	..		1,836 70	1,892 35
...	...	32	32	32	32	10	.....	.....	.....	32	....	....	.....	....	....	..	...	..	..			
3	...	9	9	9	9	5	4	4	3	9	....	....	9	....	....	..	...	..	..		993 00	.....
5	...	21	21	21	21	17	10	10	5	21	....	....	21	....	....	..	...	..	..		628 35	.....
5	...	28	28	28	28	20	16	16	5	28	....	....	.....	....	....	..	...	..	..		628 35	402 20
7	...	28	28	28	28	19	16	16	7	28	....	....	.....	....	....	..	...	..	..		628 35	443 99
3	...	22	22	22	22	12	9	9	3	22	....	....	.....	....	....	..	...	..	..		628 35	404 69
1	...	6	6	6	6	5	3	3	1	6	....	....	6	....	....	..	...	..	..		948 00	34 25
6	...	7	7	7	7	7	6	6	6	7	....	....	7	....	....	..	...	..	..		837 85	....
3	...	8	8	8	8	7	6	6	3	8	....	....	.....	....	....	..	...	..	..		863 00	80 75
1	...	9	9	9	9	3	2	2	1	9	....	....	9	....	....	..	...	..	..		363 00	.....
7	...	20	20	20	20	20	20	20	7	20	....	....	.....	....	....	..	...	..	..			
....	...	20	20	20	20	5	.....	.....	.....	20	....	....	.....	....	....	..	...	..	..		1,256 70	2,230 16
10	...	22	22	22	22	22	22	22	10	22	....	....	.....	....	....	..	...	..	..			
....	...	28	28	28	28	10	.....	.....	.....	28	....	....	.....	....	....	..	...	..	..		1,921 00	.....
3	...	13	13	13	13	8	5	5	3	13	....	....	.....	....	....	..	...	..	..		628 35	309 26
13	3	25	25	22	25	22	25	22	16	25	....	....	.....	3	3	3	3	..	..			
....	...	25	25	25	25	12	7	7	.....	25	....	....	25	....	....	..	...	..	..		1,256 70	706 39
4	...	24	24	24	24	24	17	17	4	24	....	....	24	....	....	..	...	..	..			
....	...	32	32	32	32	.....	.....	.....	.....	32	....	....	32	....	....	..	...	..	..		2,051 00	277 60
22	3	25	25	22	25	22	25	22	25	25	....	....	.....	3	3	3	3	..	..			
....	...	38	38	38	38	38	16	16	....	38	....	....	38	....	....	..	...	..	..		1,836 70	.....
...	...	37	37	37	37	.....	.....	.....	.....	37	....	....	.....	....	....	..	...	..	..			
3	...	21	21	21	21	14	8	8	3	21	....	....	.....	....	....	..	...	..	..		628 35	680 60
8	...	21	21	21	21	14	13	13	8	21	....	....	21	....	....	..	...	..	..		928 00	395 90
3	...	16	16	16	16	9	6	6	3	16	....	....	.....	....	....	..	...	..	..		628 35	591 53
8	...	36	36	36	36	24	14	14	8	36	....	....	36	....	....	..	...	..	..		628 35	476 32
3	...	28	28	28	28	20	13	13	3	28	....	....	28	....	....	..	...	..	..		628 35	1,049 09
4	...	13	13	13	13	9	8	8	4	13	....	....	13	....	....	..	...	..	..		636 00	165 15
....	...	11	11	11	11	8	5	5	....	11	....	....	11	....	....	..	...	..	..		928 00	98 60
1	...	11	11	11	11	2	1	1	1	11	....	....	.....	....	....	..	...	..	..		813 20	72 50
3	...	8	8	8	8	5	5	5	3	8	....	....	.....	....	....	..	...	..	..		849 00	70 23
3	...	19	19	19	19	12	10	10	3	19	....	....	19	....	....	..	...	..	..		1,058 00	64 33
1	...	8	8	8	8	3	2	2	1	8	....	....	.....	....	....	..	...	..	..		993 00	17 50
....	...	11	11	11	11	4	2	2	...	11	....	....	11	....	....	..	...	..	..		600 00	357 02
....	...	14	14	14	14	.....	.....	.....	.....	14	....	....	.....	....	....	..	...	..	..		1,129 00	....
11	5	29	29	24	29	24	29	24	16	29	....	....	29	5	5	5	5	..	..			
...	...	20	20	20	20	12	.....	.....	.....	20	....	....	20	....	....	..	...	..	..		1,256 70	920 77
3	...	20	20	20	20	9	6	6	3	20	....	....	.....	....	....	..	...	..	..		966 70	190 35
9	...	35	35	35	35	22	18	18	9	35	....	....	.....	....	....	..	...	..	..		993 00	.....
....	...	18	18	18	18	6	6	6	....	18	....	....	.....	....	....	..	...	..	..		993 00	.....
..	...	11	11	11	11	5	3	3	....	11	....	....	.....	....	....	..	...	..	..		993 00	80 21
....	...	9	9	9	9	4	2	2	....	9	....	....	.....	....	....	..	...	..	..		773 85	.....
7	...	19	19	19	19	19	19	19	7	19	....	....	19	....	....	..	...	..	..			
....	...	20	20	20	20	7	.....	.....	.....	20	....	....	.....	....	....	..	...	..	..		1,856 00	724 86
3	...	14	14	14	14	10	7	7	3	14	....	....	14	....	....	..	...	..	..		928 00	.....
....	...	21	21	21	21	12	2	2	....	21	....	....	.....	....	....	..	...	..	..		1,182 00	....
....	...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....		73 00	.....
3	...	11	11	11	11	9	8	8	3	11	....	....	11	....	....	..	...	..	..		795 60	.....
6	...	14	14	14	14	11	11	11	6	14	....	....	.....	....	....	..	...	..	..		773 35	71 82
1	...	16	16	16	16	3	2	2	1	16	....	....	.....	....	....	..	...	..	..		928 00	.....
....	...	25	25	25	25	20	14	14	....	25	....	....	25	....	....	..	...	..	..		628 35	502 65
7	...	21	21	21	21	19	14	14	7	21	....	....	21	....	....	..	...	..	..		1,033 20	89 60
....	...	13	13	13	13	5	.....	.....	.....	13	....	....	.....	....	....	..	...	..	..		881 00	694 13
.....	...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....		80 00	.....
5	...	43	43	43	43	22	12	12	5	43	....	....	.....	....	....	..	...	..	..		907 60	.....

RURAL AND ASSISTED SCHOOLS.

SCHOOL.	TEACHER.	CERTIFICATE.	Annual Salary.	Days School was in Session.	No. of Pupils enrolled.	Boys.	Girls.	Average Daily Attendance.	First Primer.	Second Primer.	First Reader.	Second Reader.	Third Reader.
			$										
Port Clements	D. C. Wilbert	3rd Class	1,080	154	19	12	7	12.41	3	3	....	7	....
Port Hardy	F. S. Moody	Temporary	960	194½	16	6	10	12.02	2	....	....	3	2
Port Renfrew	Miss E. Driver	2nd Class	840	164½	7	5	2	6.39	1	1	....	2	1
Pouce Coupe	D. Clarke	3rd "	1,260	157	10	6	4	2.11	5	....	1	3	1
Pouce Coupe, Central	Miss C. S. Anderson	1st "	1,260	182	17	7	10	9.11	5	2	....	5	4
Pouce Coupe, North	Miss C. E. Braden	Temporary	1,260	184	12	7	5	6.01	2	1	2	2	2
Powell River, 1st Division	W. T. Arthur	1st Class	1,500	182	25	7	18	20.11	....	....	....	....	....
" 2nd "	Miss M. Selkirk	2nd "	1,080	182	39	12	27	33.69	....	....	....	....	39
" 3rd "	Miss R. Raftery	3rd "	1,080	181½	32	17	15	27.13	....	....	....	16	16
" 4th "	Miss F. D. Lynch	3rd "	1,080	182	33	12	21	28.02	....	13	14	6	....
" 5th "	Miss E. M. Brett	2nd "	1,080	177	43	27	16	32.34	43	....	....	....	....
Princeton, 1st Division	Miss M. S. Hardwick	Academic	1,080	171	23	13	10	17.25	....	....	....	....	....
" 2nd "	Miss C. P. Murray	2nd Class	960	169	44	24	20	28.50	....	....	....	....	32
" 3rd "	Miss H. D. DeCew	2nd "	960	171	40	17	23	26.17	....	....	9	16	15
" 4th "	Miss V. H. Riddell	2nd "	960	169	36	26	10	25.28	30	6	....	....	....
Princeton, East	Miss R. G. Sidney	1st "	960	194	15	9	6	12.23	5	....	3	2	5
Procter	Miss E. G. Hanna	2nd "	960	151½	40	17	23	33.78	5	5	4	9	9
Qualicum Beach, 1st Div.	Miss A. M. Opie	2nd "	1,020	163	20	9	11	15.86	....	....	....	....	9
" 2nd "	Miss M. Wilton	1st "	780	173½	34	19	15	20.20	15	1	12	6	....
Qualicum, Little	Miss W. Ross	Temporary	900	181½	15	6	9	11.25	3	....	4	3	3
Quatsino	N. O. Keith	3rd Class	1,020	161	24	14	10	16.06	5	5	1	4	7
Queen Charlotte	Miss V. Hurst	Temporary	1,080	180	21	9	12	11.84	3	5	4	3	3
Quesnel, 1st Division	Miss F. M. Dougan	1st Class	1,500	154	21	10	11	16.95	....	....	....	....	....
" 2nd "	Miss H. T. McKenna	3rd "	1,020	146½	37	17	20	26.69	14	1	5	2	15
Reiswig	Miss E. M. Sing	2nd "	900	172	12	7	5	7.02	1	2	2	1	2
Renata	J. Sutherland	1st "	960	164	25	13	12	17.63	3	1	3	6	5
Retreat Cove	F. L. Perry	Temporary	840	151½	9	5	4	6.20	1	1	....	....	4
Richlands													
Riondel	Miss M. J. Morris	2nd Class	935	195	11	5	6	10.15	1	1	3	2	1
Roberts Creek	Mrs. C. M. Mahar	Temporary	900	129	13	9	4	6.46	4	3	3	1	2
Roberts Creek, East	Mrs. M. Arnold	"	900	64	17	4	13	13.51	7	1	2	2	3
Robin's Range	Miss E. C. Tait	3rd Class	960	191½	23	9	14	12.73	1	3	2	6	8
Robson	Miss W. C. Johnson	2nd "	900	190½	23	14	9	17.48	2	2	2	3	5
Rock Bay	A. R. Fraser	3rd "	960	179½	15	9	6	10.20	3	2	....	3	2
Rock Creek	Miss R. B. McKay	3rd "	1,020	124	36	22	14	23.96	9	4	4	8	4
Rocky Point	Miss M. Chrow	2nd "	720	191	7	3	4	6.52	2	3	1	....	....
Roe Lake	Miss F. I. MacSween	3rd "	1,020	183	11	5	6	6.31	2	3	2	1	2
Roosville	Miss J. M. Nichols	3rd "	935	182½	12	5	7	6.74	1	2	1	3	1
Rosebery	Miss F. M. Beck	2nd "	960	162½	9	2	7	6.83	1	1	....	3	4
Rose Hill	Miss A. E. Morrison	2nd "	960	166	13	8	5	9.76	5	....	....	3	4
Rose Valley	Miss S. Suderman	Temporary	1,020	56	11	3	8	7.51	5	2	....	3	1
Round Top	Miss L. Wilson	3rd Class	960	190	10	5	5	6.32	1	1	1	1	2
Royston	Miss M. J. A Galiwan	1st "	840	153	18	6	12	12.42	5	3	1	4	3
Rutland, 1st Div. (Sup.)	Miss G. C. Schwesinger,	Academic	1,320	165	15	5	10	11.52	....	....	....	....	....
" 2nd "	Miss E. M. Bruce...[B.A.	3rd Class	840	165	23	14	9	16.72	....	....	....	....	11
" 3rd "	Miss A. L. Morrison	3rd "	900	165	33	21	12	22.92	15	....	6	12	....
Saanich, North, 1st Div.	Miss E. M. Morley	1st "	950	163	22	13	9	18.69	....	....	....	1	10
" 2nd "	Miss M. L. Lewis	2nd "	775	163	25	16	9	18.98	6	4	5	10	....
Sahtlam	Miss A. A. Glennie	Temporary	840	195	10	7	13	14.86	5	....	4	5	5
St. Elmo	Miss L. L. Edwards	2nd Class	900	178	20	12	8	13.42	4	....	3	6	5
Salmo, 1st Division	Miss K. A. McKenzie	1st "	1,020	168	37	12	25	33.13	2	....	6	5	13
" 2nd "													
Salmon Bench	Miss L. Piper	1st Class	900	166	14	2	12	8.08	5	1	3	3	1
Salmon Valley	Miss B. I. Ball	2nd "	960	162	26	10	16	13.21	3	3	3	7	5
Sandspit	Miss V. A. Dairs	Temporary	1,140	178	15	4	11	11.71	3	1	1	2	2
Sandwick	Miss D. Tufnail	1st Class	960	146	31	19	12	21.21	5	....	....	....	15
Saskatoon Creek	Miss F. G. Dudley	Temporary	1,260	196	20	8	12	8.61	4	....	2	2	3
Savary Island	Miss F. H. Stephens	1st Class	900	193½	14	9	5	10.27	3	....	1	1	7
Savona	Miss J. I. Barton	2nd "	780	168	20	11	9	14.24	7	4	....	6	1
Savona Road	Miss R. M. Henderson	Temporary	875	147	7	3	4	6.69	1	....	2	1	2
Sayward	Miss M. Mack	3rd Class	960	176	4	4	....	3.95	....	1	....	....	....
Sechelt	Miss F. G. Bettes	2nd "	840	191	9	6	3	5.98	1	....	....	1	3
Seton Lake Creek	Miss M. McCallum	Temporary	935	159	19	15	4	13.15	....	3	....	4	7
Seymour Arm	Miss E. M. James	3rd Class	960	184	13	4	9	8.78	....	1	2	3	7
Shawnigan Lake	Miss N. E. Ault	2nd "	1,020	173	28	18	10	19.77	5	4	....	6	7
Shoreacres	Miss R. M. Carlson	2nd "	960	169	23	12	11	10.10	8	3	2	4	5
Shuswap	Miss D. L. Gunbridge	3rd "	780	159½	16	10	6	7.93	9	1	....	5	1
Shuswap Falls													
Shuswap, North	Miss V. E. Vickers	3rd Class	935	179½	21	10	11	17.56	7	1	4	2	6
Shutty Bench	Miss M. G. Lingard	2nd "	900	153½	8	4	4	7.65	3	2	1	....	1
Sicamous	Miss M. C. Thomas	3rd "	960	152	27	11	16	17.28	6	2	....	5	3
Sidney, 1st Div. (Sup.)	Miss B. M. Arkell, B.A.	Academic	1,500	140	23	7	16	17.32	....	....	....	....	9
" 2nd "	Miss G. G. McLennan	2nd Class	840	157	46	20	26	32.86	....	....	....	....	36
" 3rd "	Miss B. McI. Johnston	2nd "	840	157	35	13	22	23.92	....	....	22	13	....
" 4th "	Miss M. I. Craig	2nd "	840	157	25	17	8	23.02	17	8	....	....	....

SCHOOL-YEAR ENDING JUNE 30TH, 1919—*Continued.*

NUMBER OF PUPILS IN EACH READER AND IN EACH SUBJECT OF STUDY.																				Amount paid by Government on account of Teachers' Salaries, etc.	Amount paid by District in addition to Expenditure by Government.
Fourth Reader.	Fifth Reader.	Writing, Dictation and Spelling, and Composition.	Arithmetic.	Nature Lessons and Hygiene.	Drawing.	Geography.	Canadian History and British History.	English Grammar.	English Literature.	Physical Exercises.	Manual Training.	Domestic Science (Needlework, etc.).	Music.	Algebra.	Geometry.	Latin.	French.	Physical Science.	Botany.		
																				$ cts.	$ cts.
6	...	19	19	19	19	13	6	6	6	19	...	....	.....	....	....	....	....	..	..	1,036 60	156 56
5	4	16	16	16	16	10	11	7	9	16	....	....	....	4	4	4	4	..	..	993 00	.....
2	...	7	7	7	7	5	3	3	2	7	....	....	.....	....	....	....	....	..	..	863 00	.....
....	...	10	10	10	10	4	1	1	...	10	....	....	10	....	....	....	....	..	..	1,318 00	50 70
1	...	17	17	17	17	10	5	5	1	17	....	6	17	...	....	....	....	..	..	1,318 00	147 15
3	...	12	12	12	12	7	5	5	3	12	....	....	12	....	....	....	....	..	..	1,318 00	.....
25	...	25	25	25	25	25	25	25	25	25	....	....	.....	....	....	....	....	..	..		
....	...	39	39	39	39	39	39	39	....	39	....	....	39	....	....	....	....	..	..		
....	...	32	32	32	32	32	16	16	....	32	....	....	.....	....	....	....	....	..	..	3,141 75	7,596 82
....	...	33	33	33	33	6	.....	.....	....	33	....	....	.....	....	....	....	....	..	..		
...	...	43	43	43	43	.....	.....	.....	....	43	....	....	43	....	....	....	....	..	..		
18	5	23	23	18	23	18	23	18	23	23	....	....	.....	5	5	5	5	..	..		
12	...	44	44	44	44	44	44	44	12	44	....	....	44	....	....	....	....	..	..		
....	...	40	40	40	40	31	15	15	....	40	....	....	.....	....	....	....	....	..	..	2,513 40	4,363 36
....	...	36	36	36	36	.....	.....	.....	....	36	....	....	36	....	....	....	....	..	..		
....	...	15	15	15	15	7	5	5	....	15	....	....	15	....	....	....	....	..	..	993 00	.....
8	...	40	40	40	40	26	17	17	8	40	....	....	.....	....	....	....	....	..	..	628 35	561 98
11	...	20	20	20	20	20	20	20	11	20	....	....	.....	....	....	....	....	..	..		
....	...	34	34	34	34	6	...	.....	.....	34	....	....	34	....	....	....	....	..	..	1,856 00	404 40
2	...	15	15	15	15	8	5	5	2	15	....	....	.....	....	....	....	....	..	..	928 00	94 81
2	...	24	24	24	24	13	9	9	2	24	....	....	24	....	....	....	....	..	..	1,058 00	52 08
1	2	21	21	21	21	7	6	4	3	21	....	....	21	2	2	2	2	..	..	1,109 40	96 80
17	4	21	19	17	19	17	19	17	21	21	....	....	.....	4	4	4	4	2	2		
....	...	37	37	37	37	17	15	15	....	37	....	....	.....	....	....	....	....	..	..	1,208 35	1,662 66
4	...	12	12	12	12	7	6	6	4	12	....	....	12	....	....	....	....	..	..	817 00	107 04
7	...	25	25	25	25	18	12	12	7	25	....	....	.....	....	....	....	....	..	..	993 00	106 02
3	...	9	9	9	9	7	7	7	3	9	....	....	.....	....	....	....	....	..	..	819 20	100 00
...	...	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	....	.....	....	....	....	....	..	..	75 00	.....
3	...	11	11	11	11	6	4	4	3	11	....	6	.....	....	....	....	....	..	..	966 70	57 60
...	...	13	13	13	13	3	2	2	....	13	....	....	.....	....	....	....	....	..	..	911 75	692 53
2	...	17	17	17	17	7	5	5	2	17	....	....	.....	....	....	....	....	..	..	254 15	.....
3	...	23	23	23	23	17	11	11	3	23	....	....	23	....	....	....	....	..	..	993 00	24 60
8	1	23	23	22	23	16	14	13	9	23	....	....	.....	1	1	1	1	..	..	628 35	603 95
5	...	15	15	15	15	10	7	7	5	15	....	....	15	....	....	....	....	..	..	993 00	26 50
7	...	36	36	36	36	19	11	11	7	36	....	....	36	....	....	....	....	..	..	1,058 00	158 27
1	...	7	7	7	7	1	1	1	1	7	....	....	.....	....	....	....	....	..	..	628 35	182 10
1	...	11	11	11	11	4	3	3	1	11	....	....	11	....	....	....	....	..	..	1,058 00	4 50
4	...	12	12	12	12	8	5	5	4	12	....	....	.....	....	....	....	....	..	..	966 70	147 95
....	...	9	9	9	9	7	4	4	....	9	....	....	.....	....	....	....	....	..	..	993 00	34 52
1	..	13	13	13	13	8	5	5	1	13	....	....	13	....	....	....	....	..	..	500 75	704 16
....	...	11	11	11	11	4	1	1	....	11	....	....	.....	....	....	....	....	..	..	285 60	.....
4	...	10	10	10	10	7	6	6	4	10	....	....	10	....	....	....	....	..	..	993 00	72 55
2	...	18	18	18	18	9	5	5	2	18	....	....	.....	....	....	....	....	..	..	857 80	135 05
10	5	15	15	10	15	10	15	10	15	15	15	....	.....	5	5	5	5	..	..		
12	...	23	23	23	23	23	23	23	12	23	23	...	23	....	....	....	....	..	..		
....	...	33	33	33	33	12	.....	.....	.....	33	....	....	.....	....	....	....	....	..	..	2,465 05	3,245 95
11	...	22	22	22	22	22	21	21	11	22	....	....	22	....	....	....	....	..	..		
....	...	25	25	25	25	10	.....	.....	.....	25	....	....	25	....	....	....	....	..	..	1,256 70	1,749 03
1	..	20	20	20	20	11	6	6	1	20	20	....	.....	....	....	....	....	..	..	863 00	267 84
2	...	20	20	20	20	13	7	7	2	20	....	....	20	....	....	....	....	..	..	928 00	.....
11	...	37	37	37	37	29	24	24	11	37	....	....	37	....	....	....	....	..	..		
....	...	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	....	.....	....	....	....	....	..	..	676 70	916 95
1	...	14	14	14	14	5	2	2	1	14	....	....	.....	....	....	....	....	..	..	846 80	9 20
5	...	26	26	26	26	17	10	10	5	26	....	....	.....	....	....	....	....	..	..	989 80	.....
5	1	15	15	14	15	9	8	7	6	15	....	....	15	1	1	1	1	..	..	1,159 20	43 75
11	...	31	31	31	31	26	26	26	11	31	....	....	31	...	....	....	....	..	..	993 00	125 55
5	4	20	16	16	16	10	8	8	9	20	....	....	20	4	4	4	4	..	4	1,318 00	.....
2	...	14	14	14	14	10	9	9	2	14	....	....	.....	....	....	....	....	..	..	928 00	54 52
2	...	20	20	20	20	9	3	3	2	20	....	....	.....	....	....	....	....	..	..	624 50	362 06
1	...	7	7	7	7	4	3	3	1	7	....	....	.....	....	....	....	....	..	..	822 80	.....
3	...	4	4	4	4	3	3	3	3	4	....	....	.....	....	....	....	....	..	..	993 00	1 10
4	...	9	9	9	9	8	7	7	4	9	....	....	9	....	....	....	....	..	..	863 00	.....
5	...	19	19	19	19	16	12	12	5	19	....	....	.....	....	....	....	....	..	..	863 45	6 75
....	...	13	13	13	13	10	7	7	....	13	....	....	13	....	....	....	....	..	..	918 00	74 57
6	...	28	28	28	28	19	13	13	6	28	....	....	28	....	....	....	....	..	..	1,039 20	239 89
1	...	23	23	23	23	10	6	6	1	23	....	....	23	....	....	....	....	..	..	974 20	105 36
....	...	16	16	16	16	6	1	1	....	16	....	....	16	....	....	....	....	..	..	628 35	549 60
...	...	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	....	.....	....	....	....	....	..	..	70 00	.....
1	...	21	21	21	21	9	7	7	1	21	....	....	.....	....	....	....	....	..	..	966 70	.....
1	...	8	8	8	8	2	2	2	1	8	....	....	.....	....	....	....	....	..	..	928 00	70 80
6	...	27	27	27	27	19	14	14	6	27	....	....	.....	....	....	....	....	..	..	993 00	437 38
14	9	23	20	14	20	14	20	14	23	23	....	....	23	9	9	...	9	9	3		
10	...	46	46	46	46	46	46	46	10	46	....	....	.....	....	....	....	....	..	..	2,465 05	2,440 18
....	...	35	35	35	35	13	.....	.....	.....	35	....	....	35	....	....	....	....	..	..		
....	...	25	25	25	25	.....	.....	.....	.....	25	....	....	25	....	....	....	....	..	..		

RURAL AND ASSISTED SCHOOLS.

SCHOOL.	TEACHER.	CERTIFICATE.	Annual Salary.	Days School was in Session.	No. of Pupils enrolled.	Boys.	Girls.	Average Daily Attendance.	First Primer.	Second Primer.	First Reader.	Second Reader.	Third Reader.
			$										
Silver Creek	Miss E. L. Morrison	3rd Class	900	188	27	17	10	18.96	4	3	1	3	11
Silverton, 1st Division	G. P. Smith, B.A.	Academic	1,260	156½	23	7	16	22.08	....	....	....	....	....
" 2nd "	Miss M. I. Dorer	2nd Class	960	156½	31	18	13	26.49	....	....	....	12	19
" 3rd "	Miss M. S. Watts	1st "	960	145½	43	15	28	32.25	19	10	14	....	....
Similkameen	Miss D. L. Schofield	2nd "	960	176½	12	6	6	7.71	3	....	....	1	2
Simpson	Miss C. Leeson	Temporary	1,000	169½	29	16	13	25.77	4	....	4	3	11
Sinclair	Miss M. Smith	2nd Class	900	178	13	6	7	11.43	1	....	2	6	7
Sirdar	Miss H. Goodman	Temporary	875	158½	18	12	6	10.47	4	2	....	6	4
Sisters Creek	Miss G. F. Truswell	2nd Class	1,080	179	9	7	2	6.39	....	....	1	4	3
Skidegate	Miss L. Barraclough	1st "	1,080	184½	10	3	7	8.18	....	2	3	2	1
Skookumchuck	Miss M. Freeman	3rd "	840	184	9	6	3	7.95	....	....	3	....	5
Slocan Junction	Miss O. J. Rowa	2nd "	1,080	178½	20	8	12	18.08	6	....	4	....	2
Smithers, 1st Division	Miss M. V. Hanna	2nd "	1,200	169½	41	22	19	19.03	11	3	2	8	11
" 2nd "	Miss L. McRae	Temporary	....	118	30	17	13	21.27	13	4	2	11	....
Soda Creek	Miss R. Taylor	3rd Class	1,080	171	24	11	13	18.02	7	....	5	2	1
Solsqua	Miss E. Blackberg	2nd "	960	188½	13	8	5	12.33	1	1	....	3	2
Sooke	Miss M. C. Enos	3rd "	780	127	41	18	23	28.22	11	5	....	5	3
Sooke Harbour	Miss H. E. MacLeod	3rd "	780	152½	14	5	9	12.86	2	3	....	5	2
Sorrento	Mrs. J. A. Asher	1st "	900	169½	13	8	5	7.17	3	2	....	1	3
Spences Bridge	Miss G. T. Bolden	3rd "	720	171	23	10	13	14.22	4	1	2	2	7
Springhouse	Mrs. E. A. Postill	Temporary	1,080	171	12	6	6	7.25	1	1	2	4	3
Sproat	Miss A. Blackberg	2nd Class	900	117	10	6	4	8.28	1	1	1	5	2
Squam Bay	Miss M. M. McKinnell	2nd "	960	178	18	11	7	15.15	....	....	2	5	10
Squamish	Miss H. J. Blake	2nd "	1,020	178	25	10	15	14.82	13	....	....	5	3
Squamish, Lower, 1st Div.	Miss A. B. Balkwill, B.A.	Academic	1,080	188	18	8	10	17.54	....	....	....	....	2
" 2nd "	Miss C. J. Granville	2nd Class	840	184½	26	10	16	18.42	13	7	3	3	....
Squirrel Cove	Miss D. A. Heagy	Temporary	900	156⅓	8	6	2	6.50	1	....	1	2	4
Standard Mine	F. Job	1st Class	1,020	112	14	7	7	12.25	4	....	3	....	3
Stellaco	Mrs. E. Berry	Temporary	1,020	147	7	5	2	5.66	....	....	1	....	4
Stewart	Mrs. M. G. Bromley	"	1,020	181	13	3	10	9.70	....	1	....	1	3
Sullivan Valley	Miss K. E. Meehan	"	960	174	7	4	3	6.31	1	1	2	....	1
Sunnybrae	E. C. Collins	3rd Class	875	195	9	3	6	7.72	1	1	....	2	2
Sunnyside Cannery	Mrs. M. C. McKinney	Temporary	960	187	15	9	6	8.80	6	1	2	1	2
Sunnyside, No. 2	Miss R. Gordon	3rd Class	900	174	14	7	7	11.72	....	....	3	1	8
Surf Inlet	Mrs. M. Bayfield	Temporary	1,020	171	6	5	1	5.48	2	....	....	2	2
Surf Inlet Mine	Miss C. A. Smith	2nd Class	1,020	166	8	2	6	4.68	2	2	3	1	....
Swanson Bay	Miss J. I. McIntyre	2nd "	1,020	180	12	3	9	9.74	3	....	2	2	2
Swift Creek	Miss M. I. Wate	2nd "	960	132	14	9	5	8.29	6	3	3	1	1
Sylvania	Miss A. M. Macdonald	3rd "	780	165	29	12	17	22.30	12	3	5	4	3
Syringa Creek	Mrs. V. J. Rock	Temporary	900	153	11	6	5	6.57	1	....	....	2	4
Tappen Siding	Mrs. E. M. Sterling	3rd Class	840	179	32	10	22	21.72	5	3	4	3	6
Tappen Valley	Miss E. A. Coles	2nd "	900	193	13	3	10	10.56	1	1	1	1	5
Telegraph Creek	T. A. McGarrigle, B.A.	Academic	1,320	189	27	17	10	11.16	7	6	19	....	3
Telkwa	Miss C. A. Eddington	Temporary	1,020	167½	23	14	9	8.64	8	....	3	5	4
Three Valley (closed)	....	....	....	....	....	....	....	....	....	....	....	....	....
Thrums	J. D. MacKay	2nd Class	1,000	137½	34	15	19	14.93	20	8	2	1	1
Thurlow	Mrs. T. H. Jacques	Temporary	960	163	10	5	5	10.36	4	....	4	2	....
Tranquille	Miss M. Mitchell	2nd Class	900	191	19	12	7	9.01	2	2	3	6	7
Trapp Lake	Miss J. Rees	3rd "	900	168	22	10	12	12.50	4	3	3	5	4
Trout Creek, Upper	E. A. Orchard	Temporary	900	132	6	4	2	5.55	....	....	....	2	....
Trout Lake	M. McKenzie	2nd Class	1,020	193	18	11	7	15.90	5	....	....	2	5
Tulameen	Miss O. E. M. Coursier	2nd "	960	174	10	2	8	7.60	....	....	1	4	4
Turtle Valley	H. Stringer	3rd "	900	170	16	8	8	11.81	3	1	2	3	2
Ucluelet	Mrs. A. G. Lyche	1st "	1,000	194½	22	10	12	7.79	6	....	....	4	4
Ucluelet Arm	Mrs. C. H. Inskip	2nd "	960	104	14	8	6	10.25	3	1	....	3	4
Ucluelet, East	R. Williamson ... B.A.	Temporary	960	189½	8	4	4	5.27	1	....	2	2	....
Union Bay, 1st Division	Miss M. B. Henderson,	Academic	1,080	127	35	18	17	28.94	....	....	....	....	22
" 2nd "	Miss E. C. Russell	1st Class	900	129	51	31	20	36.92	22	9	8	12	....
Usk	De F. N. Nelson	Temporary	960	181	10	2	8	9.08	3	1	....	2	3
Valdes Island	Miss E. Mowat	3rd Class	960	175	24	7	17	12.74	6	3	2	4	2
Vananda, 1st Division	C. J. Frederickson	2nd "	960	189½	22	12	10	18.47	....	....	....	....	17
" 2nd "	Miss G. A. Tidy	Temporary	840	184½	13	4	9	13.85	2	3	5	3	....
Vanderhoof	Miss M. L. McKenny	2nd Class	1,140	174	53	31	22	29.45	10	6	13	6	12
Vavenby	Miss R. E. Smith	3rd "	960	194	11	3	8	6.81	2	2	1	5	....
Vesuvius	Miss M. M. Hirst	3rd "	....	183½	11	7	4	8.06	1	2	2	3	....
Vesuvius, North	A. J. W. Dodds, B.A.	Academic	780	194	22	9	13	14.42	3	2	2	1	9
Waldo, 1st Division	Miss V. A. Hammill	2nd Class	1,080	160	27	9	18	20.63	....	....	....	....	15
" 2nd "	Miss M. W. Griffiths	1st "	900	146	44	16	28	36.17	18	....	9	17	....
Walhachin	Miss S. A. Taylor	2nd "	840	177	8	3	5	4.50	2	....	1	2	....
Wanklyn	Miss G. S. Lougheed	3rd "	900	150½	8	4	4	6.25	3	2	1	1	1
Wapta	Miss M. T. MacIntyre	Temporary	960	164	16	7	9	10.47	2	2	1	5	3
Wardner	Miss H. H. Eaton	3rd Class	1,020	181	41	27	14	24.39	9	4	....	10	10
Wasa	W. J. Eades	Temporary	960	168	13	10	3	9.95	2	1	3	....	3
Waterloo	Miss E. Bendall	2nd Class	780	152	32	21	11	19.65	5	2	4	6	11

SCHOOL-YEAR ENDING JUNE 30TH, 1919—*Continued.*

NUMBER OF PUPILS IN EACH READER AND IN EACH SUBJECT OF STUDY.																				Amount paid by Government on account of Teachers' Salaries, etc.	Amount paid by District in addition to Expenditure by Government.
Fourth Reader.	Fifth Reader.	Writing, Dictation and Spelling, and Composition.	Arithmetic.	Nature Lessons and Hygiene.	Drawing.	Geography.	Canadian History and British History.	English Grammar.	English Literature.	Physical Exercises.	Manual Training.	Domestic Science (Needlework, etc.).	Music.	Algebra.	Geometry.	Latin.	French.	Physical Science.	Botany.	$ cts.	$ cts.
5	...	27	27	27	27	19	16	16	5	27	...	....	.....	....	...	...	...	..	..	628 35	572 34
14	9	23	19	14	19	14	19	14	23	23	...	....	.....	9	9	9	9	4	4		
...	...	31	31	31	31	31	19	19	....	31	....	....	.....	....	..	..	..	..	..	1,803 85	2,088 17
....	...	43	43	43	43	.....	....	....	....	43	....	....	43	....	..	..	..	..	..		
6	...	12	12	12	12	9	8	8	6	12	....	....	12	....	..	..	..	..	..	993 00	.....
7	...	29	29	29	29	21	18	18	7	29	..	....	.....	....	..	..	..	..	..	628 35	805 68
3	...	13	13	13	13	10	4	4	3	13	....	....	.....	....	..	..	..	..	..	928 00	8 50
2	...	18	18	18	18	12	6	6	2	18	....	....	.....	....	..	..	..	..	..	901 70	.....
1	...	9	9	9	9	8	4	4	1	9	....	....	9	....	..	..	..	..	..	1,123 00	.....
1	1	10	10	10	10	4	3	2	2	10	....	....	.....	1	1	1	1	..	..	1,123 00	68 40
1	..	9	9	9	9	6	6	6	1	9	....	....	9	....	..	..	..	..	..	798 00	9 50
8	...	20	20	20	20	10	10	10	8	20	....	....	.....	....	..	..	..	..	..	628 35	700 81
6	...	41	41	41	41	25	17	17	6	41	....	....	.....	....	..	..	..	..	..		
...	..	30	30	30	30	11	.....	.....	....	30	....	....	.....	....	..	..	..	..	..	976 35	2,114 30
8	1	24	24	24	24	11	10	9	9	24	....	....	24	1	1	1	1	..	..	1,170 00	.....
6	...	13	13	13	13	11	8	8	6	13	....	....	.....	....	..	..	..	..	..	993 00	107 41
7	...	41	41	41	41	25	20	20	7	41	....	....	.....	....	..	..	..	..	..	628 35	490 70
2	..	14	14	14	14	9	4	4	2	14	....	....	.....	....	..	..	..	..	..	751 00	148 91
4	...	13	13	13	13	8	7	7	4	13	....	....	.....	....	..	..	..	..	..	928 00	115 29
7	...	23	23	23	23	16	14	14	7	23	....	....	.....	....	..	..	..	..	..	628 35	248 70
1	...	12	12	12	12	8	4	4	1	12	....	....	.....	....	..	..	..	..	..	1,015 00	15 00
..	...	10	10	10	10	7	2	2	....	10	....	....	.....	....	..	..	..	..	..	522 00	64 74
1	...	18	18	18	18	16	11	11	1	18	....	....	18	....	..	..	..	..	..	993 00	99 00
4	...	25	25	25	25	12	7	7	4	25	....	....	.....	....	..	..	..	..	..	628 35	635 37
6	...	18	18	18	18	18	18	18	6	18	....	....	.....	....	..	..	..	..	..		
....	...	26	26	26	26	3	.....	.....	....	26	....	....	26	....	..	..	..	..	..	1,256 70	1,600 27
....	...	8	8	8	8	6	4	4	....	8	....	....	.....	....	..	..	..	..	..	827 75	.....
4	...	14	14	14	14	7	7	7	4	14	....	....	14	....	..	..	..	..	..	674 00	101 10
2	...	7	7	7	7	6	6	6	2	7	....	....	.....	....	..	..	..	..	..	808 40	.....
8	...	13	13	13	13	12	11	11	8	13	....	....	13	....	..	..	..	..	..	1,058 00	640 10
2	...	7	7	7	7	3	3	3	2	7	....	....	.....	....	..	..	..	..	..	934 80	.....
3	...	9	9	9	9	7	5	5	3	9	....	....	9	....	..	..	..	..	..	901 70	111 15
3	...	15	15	15	15	6	5	5	3	15	....	....	15	....	..	..	..	..	..	876 00	84 46
2	...	14	14	14	14	11	10	10	2	14	....	....	14	....	..	..	..	..	..	881 00	.....
....	...	6	6	6	6	4	2	2	....	6	....	....	6	....	..	..	..	..	..	907 60	....
...	...	8	8	8	8	1	.....	.....	....	8	....	....	8	....	..	..	..	..	..	907 60	.....
2	1	12	11	11	11	6	4	4	3	12	....	....	12	1	1	1	1	1	1	1,058 00	....
....	...	14	14	14	14	2	1	1	....	14	....	....	14	....	..	..	..	..	..	738 00	150 47
2	...	29	29	29	29	9	5	5	2	29	....	....	.....	....	..	..	..	..	..	738 00	649 80
4	...	11	11	11	11	10	8	8	4	11	....	....	11	....	..	..	..	..	..	690 00	38 29
11	...	32	32	32	32	20	17	17	11	32	....	....	.....	....	..	..	..	..	..	628 35	355 80
4	...	13	13	13	13	10	9	9	4	13	....	....	13	....	..	..	..	..	..	928 00	80 41
1	...	27	27	27	27	4	4	4	1	27	....	....	.....	....	..	..	..	..	..	1,383 00	....
3	...	23	23	23	23	12	7	7	3	23	....	....	23	....	..	..	..	..	..	1,058 00	38.70
...	...	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	....	.....	....	..	..	..	..	..	70 00	.....
2	..	34	34	34	34	4	3	3	2	34	..	....	.....	....	..	..	..	..	..	922 90	49 56
....	...	10	10	10	10	2	.....	.....	....	10	....	...	10	....	..	..	..	..	..	862 35	.....
2	...	19	19	19	19	15	9	9	2	19	....	....	.....	....	..	..	..	..	..	928 00	.....
3	...	22	22	22	22	12	7	7	3	22	....	....	.....	....	..	..	..	..	..	928 00	280 52
4	...	6	6	6	6	6	4	4	4	6	....	....	.....	....	..	..	..	..	..	816 90	55 08
6	..	18	18	18	18	13	11	11	6	18	....	....	18	....	..	..	..	..	..	1,058 00	145 89
1	...	10	10	10	10	9	5	5	1	10	....	....	.....	....	..	..	..	..	..	993 00	88 80
5	...	16	16	16	16	10	7	7	5	16	....	....	.....	....	..	..	..	..	..	886 00	27 40
8	...	22	22	22	22	16	12	12	8	22	....	....	.....	....	..	..	..	..	..	1,033 20	107 90
3	...	14	14	14	14	10	7	7	3	14	....	....	.....	....	..	..	..	..	..	723 00	140 54
3	...	8	8	8	8	5	3	3	3	8	....	....	.....	....	..	..	..	..	..	993 00	87 16
13	...	35	35	35	35	35	35	35	13	35	....	....	.....	....	..	..	..	..	..		
..	...	51	51	51	51	12	.....	.....	....	51	....	....	51	....	..	..	..	..	..	2,051 00	723 96
1	...	10	10	10	10	6	4	4	1	10	....	....	.....	....	..	..	..	..	..	873 00	265 00
5	...	24	24	24	24	11	7	7	5	24	....	....	24	....	..	..	..	..	..	993 00	122 75
5	...	22	22	22	22	22	22	22	5	22	....	....	.....	....	..	..	..	..	..		
....	...	13	13	13	13	3	.....	.....	....	13	....	....	.....	....	..	..	..	..	..	1,256 70	1,095 19
6	...	53	53	53	53	24	18	18	6	53	....	....	53	....	..	..	..	..	..	1,188 00	595 79
1	...	11	11	11	11	6	1	1	1	11	....	....	11	....	..	..	..	..	..	993 00	139 32
3	...	11	11	11	11	6	3	3	3	11	....	....	11	....	..	..	..	..	..	628 35	256 42
5	...	22	22	22	22	15	14	14	5	22	....	....	.....	....	..	..	..	..	..	628 35	238 50
12	...	27	27	27	27	27	27	27	12	27	....	....	.....	....	..	..	..	..	..		
....	...	44	44	44	44	17	.....	.....	....	44	....	....	.....	....	..	..	..	..	..	1,256 70	1,502 88
3	...	8	8	8	8	5	3	3	3	8	....	....	.....	....	..	..	..	..	..	863 00	103 56
....	...	8	8	8	8	2	1	1	....	8	....	....	8	....	..	..	..	..	..	835 60	163 23
3	...	16	16	16	16	11	6	6	3	16	....	....	.....	....	..	..	..	..	..	874 10	.....
8	...	41	41	41	41	28	18	18	8	41	....	....	.....	....	..	..	..	..	..	628 35	.....
4	...	13	13	13	13	7	7	7	4	13	....	....	.....	....	..	..	..	..	..	963 95	.....
4	...	32	32	32	32	21	15	15	4	32	....	....	.....	....	..	..	..	..	..	798 00	101 19

RURAL AND ASSISTED SCHOOLS.

SCHOOL.	TEACHER.	CERTIFICATE.	Annual Salary.	Days School was in Session.	No. of Pupils enrolled.	Boys.	Girls.	Average Daily Attendance.	First Primer.	Second Primer.	First Reader.	Second Reader.	Third Reader.
			$										
Watmore	S. Moore, B.A.	Academic	875	183	14	6	8	8.80	4	2	1	4	2
Wellington, 1st Division.	Miss A. J. MacDougall	2nd Class	1,020	153	16	8	8	10.58	....	....	....	....	9
" 2nd "	Miss S. M. McDonald	3rd "	780	153	29	15	14	20.56	15	2	5	7	....
Wellington, South, 1st D.	Miss M. Johnson	2nd "	1,320	164	20	11	9	16.00	....	....	....	....	....
" " 2nd "	W. de Macedo	2nd "	1,140	164	41	24	17	32.58	....	....	....	....	41
" " 3rd "	Miss F. Down.	1st "	1,020	164	39	21	18	31.81	....	....	20	19	....
" " 4th "	Miss A. Waugh	2nd "	900	163½	43	24	19	36.02	10	33	....	....	....
Westbank	Miss R. E. N. Raymur	2nd "	1,020	18	16	8	8	15.28	11	2	1	1	1
Westbank Townsite	Miss I. McIntosh	Temporary	840	178	23	14	9	17.94	2	1	1	4	8
Westview	Miss M. I. Cook	1st Class.	840	181	8	6	2	7.17	....	....	1	5	2
Whaletown	Miss G. M. Downs	2nd "	960	181	11	6	5	7.55	1	....	....	5	....
White Lake	Miss F. Wolstenholme	3rd "	900	193½	17	6	11	16.91	1	3	3	4	5
Williams Lake	Miss O. Havers	Temporary	1,080	167	21	9	12	13.60	4	6	....	6	3
Williams Siding	Miss L. E. Oates	3rd Class.	960	189	13	5	8	7.89	6	....	....	2	5
Willow River	W. W. C. O'Neill	3rd "	1,080	164	18	8	10	13.28	1	....	1	3	5
Wilmer	Miss L. A. Carter.	1st "	960	183	17	13	4	11.37	2	....	5	....	7
Windermere	Miss E. M. Newman	3rd "	900	188	14	5	9	10.08	....	1	1	4	5
Winlaw	Miss M. R. Allan	3rd "	1,020	177	34	16	18	15.06	7	5	10	3	6
Wolfson Bay	Miss A. Fetterly	2nd "	900	192	13	6	7	11.00	1	3	2	3	....
Woods Lake	Miss C. L. Jones	3rd "	840	161½	42	24	18	24.71	13	7	1	9	7
Woodville Road													
Wycliffe	Miss E. E. Barton	Temporary	1,200	159	43	22	21	30.05	10	8	....	7	10
Wynndel	D. J. Dewar	"	1,020	167	38	20	18	16.79	9	....	....	13	4
Yahk	Miss G. T. Clyde	2nd Class.	960	162	10	4	6	7.28	1	4	2	....	1
Yale	P. L. Whittey	2nd "	900	173	19	11	8	10.86	5	3	....	4	5
Ymir	Miss A. E. Imlah	2nd "	1,000	161½	32	18	14	24.39	5	4	4	3	12
Grand total, Rural and Assisted Schools, 19		18-1919.			13241	6833	6408	9487.04	2849	1138	1359	2131	3118
" " " " 19		17-1918.			12798	6575	6223	9433.00	2586	1139	1453	2165	2942

SCHOOL-YEAR ENDING JUNE 30TH, 1919—*Concluded.*

NUMBER OF PUPILS IN EACH READER AND IN EACH SUBJECT OF STUDY.																				Amount paid by Government on account of Teachers' Salaries, etc.	Amount paid by District in addition to Expenditure by Government.
Fourth Reader.	Fifth Reader.	Writing, Dictation and Spelling, and Composition.	Arithmetic.	Nature Lessons and Hygiene.	Drawing.	Geography.	Canadian History and British History.	English Grammar.	English Literature.	Physical Exercises.	Manual Training.	Domestic Science (Needlework, etc.).	Music.	Algebra.	Geometry.	Latin.	French.	Physical Science.	Botany.		
																				$ cts.	$ cts.
1	...	14	14	14	14	7	3	3	1	14	...	....	14	....	...	...	...	..	..	901 70	111 15
7	...	16	16	16	16	16	16	16	7	16	....	....	.....	....	...	...	...	..	..	1,856 00	240 43
...	...	29	29	29	29	7	.....	.....	...	29	....	....	.....	....	...	...	...	..	..		
20	...	20	20	20	20	20	20	20	20	20	11	9	20	....	...	...	...	..	..		
....	...	41	41	41	41	41	41	....		41	24	17	41	....	...	...	...	..	..	4,557 00	1,215 26
....	...	39	39	39	39	19	.....	.....	...	39	....	....	39	....	...	...	...	..	..		
....	...	43	43	43	43	.....	.....	.....	....	43	....	....	43	....	...	...	...	..	..		
....	...	16	16	16	16	2	1	1	....	16	....	....	16	....	...	...	...	..	..	58 00	.....
7	...	23	23	23	23	19	15	15	7	23	....	....	.....	....	...	...	...	..	..	628 35	621 26
....	...	8	8	8	8	7	2	2	....	8	....	....	.....	....	...	...	...	..	..	863 00	16 65
3	2	11	11	19	11	8	5	3	5	11	....	....	11	2	2	2	2	..	..	993 00	112 52
1	...	17	17	17	17	10	6	6	1	17	....	....	17	....	...	...	...	..	..	928 00	63 70
2	...	21	21	21	21	11	5	5	2	21	....	....	.....	....	...	...	...	..	..	1,092 40	167 07
....	...	13	13	13	13	7	5	5	....	13	....	....	.....	....	...	...	...	..	.	993 00	83 70
7	1	18	18	17	18	15	13	12	8	18	....	....	18	1	1	1	1	..	..	1,076 00	432 25
3	...	17	17	17	17	10	10	10	3	17	....	....	.....	....	...	...	...	..	..	993 00	301 90
3	...	14	14	14	14	12	8	8	3	14	....	....	.....	....	...	...	...	..	..	928 00	.....
3	...	34	34	34	34	12	9	9	3	34	....	....	34	....	...	...	...	..	..	1,058 00	81 50
4	...	13	13	13	13	7	4	4	4	13	....	....	13	....	...	...	...	..	..	928 00	130 93
5	...	42	42	42	42	21	12	12	5	42	....	....	.....	...	...	...	...	..	..	624 60	555 57
....	...	.....	.....	.....	.....	.....	.....	.....	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	75 00	.....
8	...	43	43	43	43	25	18	18	8	43	.	....	.....	.....	...	...	...	..	..	628 35	1,158 67
12	...	38	38	38	38	29	16	16	12	38	....	...	.....	.....	...	...	...	..	..	1,058 00	239 95
2	...	10	10	10	10	3	3	3	2	10	....	...	.....	.....	...	...	...	..	..	993 00	20 50
2	...	19	19	19	19	11	7	7	2	19	....	....	.....	.....	...	...	...	..	..	914 45	72 80
4	...	32	32	32	32	19	16	16	4	32	..	....	32	....	...	...	...	..	..	628 35	644 25
2492	154	13241	13207	13109	13206	7741	5730	5609	2646	13241	120	62	5157	154	154	136	154	54	37	526,367 00	179,956 28
2436	77	12798	12775	12736	12775	7543	5378	5455	2513	12798	....	....	4746	77	77	77	77	23	23	465,672 43	146,535 23

SCHOOLS IN ELECTORAL DISTRICTS, 1918-19.

Electoral Districts.	Names of Schools.	Number of Schools open during 1918-1919.	No. of Teachers employed in 1918-1919.	Number of Pupils enrolled.	Total Expenditure for Education Proper.
Alberni	Alberni City Municipality School District; Bamfield; Beaver Creek; Cape Scott; Cherry Creek Valley; Clayoquot; Departure Bay; Ecoole; Errington; French Creek; Gill; Grant Mine; Kildonan; Montrose; Nanoose Bay; Parksville; Port Alberni City Municipality School District; Port Alice; Qualicum Beach; Qualicum, Little; Quatsino; Ucluelet; Ucluelet Arm; Ucluelet, East; Wellington	26	31	741	$ 27,146 65
Atlin	Alice Arm; Atlin; Discovery; Granby Bay; Granby Bay Mine; Stewart; Telegraph Creek	7	10	236	8,996 40
Cariboo	Alexandria; Barkerville; Beaver Lake; Castle Rock; Chimney Creek; Dragon Lake; Glencoe; Harpers Camp; Hilborn; Meldrum Creek; Macalister; Quesnel; Sister's Creek; Soda Creek; Williams Lake	15	16	242	17,177 05
Chilliwack	Abbotsford; Chilliwack City Municipality School District; Chilliwack Rural Municipality School District; Cultus Lake (closed); Matsqui Rural Municipality School District; Sumas Rural Municipality School District	34	67	1,786	39,814 50
Columbia	Athalmer; Blaeberry; Brisco; Castledale; Field; Golden; Harrogate; Horse Creek; Invermere; Moberly; Parson; Sinclair; Wapta; Wilmer; Windermere	16	19	407	15,923 40
Comox	Alert Bay; Blubber Bay; Bowser; Campbell River; Comox; Cortes Island; Courtenay City Municipality School District; Cumberland City Municipality School District; Denman Island; False Bay; Fanny Bay; Gillis Bay; Granite Bay; Grantham; Headquarters; Heriot Bay; Hornby Island; Kaleva; Kingcome Inlet; Lazo; Lund; Malcolm Island; Marshall; Minto; Nimpkish; Nob Hill; No. 7 Mine; Olsen Lake; Port Hardy; Powell River; Rock Bay; Royston; Sandwick; Savary Island; Sayward; Squirrel Cove; Thurlow Island; Union Bay; Valdes Island; Vananda; Westview; Whaletown; Wolfson Bay	44	67	1,711	57,265 60
Cowichan	Bench; Clo-oose; Cobble Hill; Cowichan; Cowichan Lake; Cowichan, North, Rural Municipality School District; Duncan City Municipality School District; Glenora; Koksilah; Mill Bay; Sahtlam; Shawnigan Lake; Sylvania	18	26	690	19,448 15
Cranbrook	Bull River Bridge; Cranbrook City Municipality School District; Curzon; Fort Steele; Kimberley; Kingsgate; Loco (closed); Marysville; Mayook; Meadowbrook (closed); Moyase; Moyie; Wanklyn; Wardner; Wasa; Wycliffe; Yahk	18	31	914	20,865 25
Delta	Barnston Island; Delta Rural Municipality School District; Langley Rural Municipality School District; Surrey Rural Municipality School District	46	65	1,823	39,779 65
Dewdney	Coquitlam Rural Municipality School District; Dewdney; Essondale; Harrison River (in Kent Rural Municipality School District); Hatzic Prairie; Ioco; Lake Buntzen; Maple Ridge Rural Municipality School District; Mission Rural Municipality School District; Nicomen; Nicomen, North; Pitt Meadows Rural Municipality School District; Port Coquitlam City Municipality School District; Port Moody City Municipality School District; Sunnyside, No. 2	36	61	1,615	40,501 90
Esquimalt	Albert Head; Colwood; Esquimalt Rural Municipality School District; Goldstream; Happy Valley; Highland; Jordan River; Langford; Metchosin; Otter Point; Port Renfrew; Rocky Point; Sooke; Sooke Harbour	15	33	874	21,589 80
Fernie	Baynes Lake; Caithness; Coal Creek; Cokato; Corbin; Crowsnest; Elk Bridge; Elko; Elk Prairie; Fernie City Municipality School District; Flagstone; Hosmer; Hurlingham; Jaffray; Michel; Michel, New; Morrissey Mines; McGuire; Roosville; Waldo	21	51	1,685	33,614 55
Fort George	Beaverly; Blue River; Braeside; Cariboo; Chief Lake; Chilco; Dome Creek; Dunster; Engen; Fort Fraser; Fort George; Fort George, South; Giscome; Hartley; Hutton; Landry; Lucerne; Mapes; McBride; Nechako; Pouce Coupe; Pouce Coupe, Central; Pouce Coupe, North; Prince George City Municipality School District; Rose Valley; Saskatoon Creek; Stellaco; Swift Creek; Vanderhoof; Willow River	31	36	791	31,632 15
Grand Forks	Berrydale; Carson; Cascade; Fife; Gilpin; Grand Forks City Municipality School District; Hilltop; Kettle River, North; Outlook; Phoenix City Municipality School District	11	25	731	16,329 05
Greenwood	Anaconda; Anarchist Mountain; Boundary Falls; Bridesville; Christian Valley; Coltern; Deadwood; Eholt; Greenwood City Municipality School District; Ingram Mountain; Kettle Valley; Midway; Myncaster; Rock Creek	15	15	371	12,313 35

(The) Islands	Beaver Point; Burgoyne Bay; Cranberry Marsh; Deep Cove; Gabriola, North; Gabriola, South; Galiano; Galiano, North; Ganges; Ganges Harbour; Isabella Point; James Island; Mayne Island; Pender Island; Retreat Cove; Saanich, North; Sidney; Vesuvius; Vesuvius, North	19	22	475	$15,446 10
Kamloops	Balmoral; Barriere Power House; Barriere River; Barriere Valley; Beresford; Blind Bay; Cahilty; Campbell Creek; Campbell Range; Carlin Siding; Chase; Chase Creek; Chinook Cove; Chu Chua; Clearwater; Copper Creek; Duck Range; Fish Lake Road; Fruitlands; Grande Prairie; Heffley Creek; Heffley Creek, Upper; Heffley Lake; Kamloops City Municipality School District; Knutsford; Lac du Bois; Little Fort; Long Lake; Louis Creek; Magna Bay; Martin's Prairie; Monte Creek; North Thompson, West; Notch Hill; Pemberton Range; Robin's Range; Rose Hill; Round Top; Salmon Arm City Municipality School District; Salmon Arm Rural Municipality School District; Savona; Savona Road; Shuswap; Shuswap North; Sorrento; Squam Bay; Sullivan Valley; Sunnybrae; Tappen Siding; Tappen Valley; Tranquille; Trapp Lake; Turtle Valley; Vavenby; Watmore; White Lake	60	83	1,975	58,178 70
Kaslo	Ainsworth; Alice Siding; Boswell; Canyon City; Crawford Bay; Creston; Erickson; Ferguson; Florence Mine; Huscroft; Kaslo City Municipality School District; Kitchener; Riondel; Shutty Bench; Sirdar; Trout Lake; Wynndel	18	25	653	20,702 75
Lillooet	Alkali Lake; Big Bar Mountain; Big Bar, Upper; Bonaparte Valley; Canim Lake; Clinton; Criss Creek; Empire Valley; Hat Creek; Lac la Hache; Lillooet; Pachelqua; Pavilion; Pemberton Meadows; Roe Lake; Seton Lake Creek; Springhouse	14	14	227	13,190 05
Nanaimo	Brechin; Cedar, North; Chase River; Harewood; Nanaimo City Municipality School District; Nanaimo Bay	9	48	1,784	34,324 00
Nelson	Nelson City Municipality School District	2	25	851	13,000 00
Newcastle	Cedar, East; Cedar, South; Diamond Crossing; Extension; Ladysmith City Municipality School District; Mountain; Northfield; Oyster; Oyster, North; Waterloo; Wellington, South	12	30	915	23,979 90
New Westminster	New Westminster City Municipality School District	8	76	2,623	33,733 35
North Okanagan	Armstrong City Municipality School District; Ashton Creek; Coldstream Rural Municipality School District; Deep Creek; Enderby City Municipality School District; Enderby, North; Falkland; Glenemma; Grandview Bench; Grindrod; Hendon; Hilton; Hupel; Kedleston; Lumby; Mabel Lake; Mara; Okanagan Landing; Oyama; Reiswig; Richland; Salmon Bench; Salmon Valley; Seymour Arm; Shuswap Falls; Sicamous; Silver Creek; Spallumcheen Rural Municipality School District; Vernon City Municipality School District; Woodville Road	38	81	1,834	44,885 90
North Vancouver	Bowen Island; Britannia Beach; Britannia Mine; Cheakmus; Doriston; Half Moon Bay; Hidden Bay; Howe Sound; Mill Creek; North Vancouver City Municipality School District; North Vancouver Rural Municipality School District; Pender Harbour; Roberts Creek; Roberts Creek, East; Sechelt; Skookumchuck; Squamish; Squamish, Lower; West Vancouver Rural Municipality School District	27	78	2,337	46,647 75
Omineca	Burns Lake; Endako; Hazelton; Hazelton, New; Houston; Ootsa Lake; Smithers; Telkwa	8	9	206	7,849 30
Prince Rupert	Bella Coola; Bella Coola, Lower; Buckley Bay; Cedarvale; Copper City; Essington; Haysport; Inverness; Kitimat; Kitsumgallum; Masset; Metlakatla; MacKenzie; Noosatsum; Ocean Falls; Osland; Pacific; Porcher Island; Port Clements; Prince Rupert City Municipality School District; Queen Charlotte; Sandspit; Simpson; Skidegate; Sunnyside Cannery; Surf Inlet; Surf Inlet Mine; Swanson Bay; Usk	27	46	1,123	33,763 80
Revelstoke	Albert Canyon; Arrowhead; Beaton; Begbie; Big Eddy; Bowie; Cartier; Craigellachie; Crawford Creek; Galena Bay; Glacier; Hall's Landing; Malakwa; Revelstoke City Municipality School District; Solsqua; Sproat; Three Valley	19	34	899	22,419 65
Richmond	General Brock and General Wolfe (in South Vancouver Rural Municipality School District); Point Grey Rural Municipality School District; Richmond Rural Municipality School District; Sexsmith and Sir Wm. Van Horne (in South Vancouver Rural Municipality School District)	18	94	3,327	58,655 70
Rossland	Annable; Rossland City Municipality School District	4	17	571	8,865 15
Saanich	Oak Bay Rural Municipality School District; Saanich Rural Municipality School District	18	66	2,171	39,991 00
Similkameen	Allen Grove; Cawston; Coalmont; Copper Mountain; Fairview; Hedley; Kaleden; Keremeos; Killarney; Mill Plant; Nickel Plate Mine; Okanagan Falls; Olalla; One-mile Creek; Osoyoos; Penticton Rural Municipality School District; Princeton; Princeton, East; Similkameen; Tulameen	21	41	989	27,885 80
Slocan	Appledale; Arrow Park, East; Arrow Park, West; Box Lake; Burtondale; Deer Park; Demars, West; Edgewood; Fauquier; Fire Valley; Glenbank; Koch Siding; Mount Ingersoll; Nakusp; Needles; New Denver; Perry Siding; Renata; Rosebery; Sandon City Municipality School District; Silverton; Slocan City Municipality School District; Standard Mine; Winlaw	24	30	755	24,048 80
South Okanagan	Bear Creek; Ellison; Glenrosa; Kelowna City Municipality School District; Kelowna, East; Kelowna, North; Meadow Valley; Mission Creek; Naramata; Okanagan; Okanagan, Centre; Okanagan, South; Peachland Rural Municipality School District; Rutland; Summerland Rural Municipality School District; Trout Creek, Upper; Westbank; Westbank Townsite; Woods Lake.	24	49	1,265	28,184 90
South Vancouver	Burnaby Rural Municipality School District; Carleton; Connaught; High School; Moberly; McBride; Mackenzie; Norquay; Secord; Selkirk; Tecumseh; Special	25	174	6,175	102,410 35

SCHOOLS IN ELECTORAL DISTRICTS, 1918-19—*Concluded.*

Electoral Districts.	Names of Schools.	Number of Schools open during 1918-1919.	No. of Teachers employed in 1918-1919.	Number of Pupils enrolled.	Total Expenditure for Education Proper.
Trail	Balfour; Belford; Blueberry Creek; Brilliant; Castlegar; Columbia Gardens; Crescent Valley; Duhamel; Erie; Fruitvale; Glade; Harrop; Hume; Kinnaird; Krestova; Meadow Spur; Nine-mile Creek; Parks Siding; Pass Creek; Procter; Robson; Salmo; Shoreacres; Slocan Junction; Syringa Creek; Thrums; Trail City Municipality School District; Williams Siding; Ymir	32	54	1,451	$ 40,228 20
Vancouver City	Vancouver City Municipality School District	29	481	17,773	216,008 30
Victoria City	Victoria City Municipality School District	20	176	6,081	79,081 60
Yale	Agassiz (in Kent Rural Municipality School District); Ashcroft; Aspen Grove; Boston Bar; Cache Creek; Canford; Chaumox; Concord; Foster's Bar; Harrison Hot Springs (in Kent Rural Municipality School District); Hope; Hope Station; Keefers; Lytton; Merritt City Municipality School District; McBride (in Kent Rural Municipality School District); Nicola; Nicola, Lower; North Bend; Popcum; St. Elmo; Spences Bridge; Walhachin; Yale	25	36	929	24,693 70
	Total, 1918-1919	854	2,332	72,006	1,420,572 20
	" 1917-1918	856	2,246	67,516	1,288,616 16

PART III.

APPENDICES.

APPENDIX A.

HIGH SCHOOL EXAMINATION, JUNE, 1919.

Medallists.

The following are the names of the winners of His Excellency the Governor-General's silver medals:—

William Ernest Philpott, Nanaimo High School.
Elizabeth MacKenzie, Nelson High School.
Pauline Florence Blackmore, New Westminster High School.
Phyllis Isabel Mackay, King George High School, Vancouver.
George William Allan, Victoria High School.

Number of Successful Candidates at each Centre.

Examination Centre.	Third Class, Non-professional Teachers' Certificates.	Third Year Commercial.	Third Year Technical.	Agriculture only.	Intermediate Grade.	Senior Grade.	Senior Academic Grade.	Education only.	Junior Matriculation.	Senior Matriculation.	Total.
Agassiz	7								2		9
Armstrong				6					5		11
Belmont	5			4					4		13
Bridgeport	1								4		5
Chilliwack:											
Chilliwack High				10					26		36
Private Study	1										1
Cloverdale									3		3
Cranbrook	13								3		16
Creston	6										6
Cumberland:											
Cumberland High									2		2
Private Study					1						1
Duncan	7										7
Enderby				5					3		8
Esquimalt									5		5
Fernie:											
Fernie High					6	2					8
Private Study	1										1
Golden:											
Private Study									1		1
Grand Forks						1			1		2
Greenwood:											
Greenwood High					3						3
Phoenix Superior	3										3
Private Study									1		1
Hedley:											
Private Study								1			1
Kamloops:											
Kamloops High					12						12
Private Study								1	2		3
Kaslo	5				6	8					19
Kelowna				2					7		9
Ladner:											
Ladner High									2		2
Private Study	1										1
Ladysmith	8				3				1		12
Maple Ridge									1		1
Matsqui									3		3
Mission:											
Mission High	3								5		8
Private Study									2		2
Nanaimo:											
Nanaimo High	3				5	4					12
Private Study	1					1					2
Nelson:											
Nelson High	6				26	7	1				40
New Denver Public	1								2		3

NUMBER OF SUCCESSFUL CANDIDATES AT EACH CENTRE—*Concluded.*

EXAMINATION CENTRE.	Third Class Non-professional Teachers' Certificates.	Third Year Commercial.	Third Year Technical.	Agriculture only.	Intermediate Grade.	Senior Grade.	Senior Academic Grade.	Education only.	Junior Matriculation.	Senior Matriculation.	TOTAL.
New Westminster:											
New Westminster High	4								33		37
St. Ann's Academy	4										4
Columbian College									2		2
Private Study							1	1	1		2
Oak Bay	1				17	1					19
Peachland:											
Peachland High	3										3
Private Study								1			1
Penticton									4		4
Point Grey:											
Point Grey High	2								12		14
Private Study									4		4
Port Alberni	4								1		5
Prince George:											
Prince George High									1		1
Private Study					1						1
Prince Rupert:											
Prince Rupert High									3		3
Private Study									2		2
Revelstoke:											
Revelstoke High					14						14
Private Study								1	1		2
Rossland									7		7
Salmon Arm	7								3		10
Summerland:											
Summerland High	2								8		10
Private Study								1			1
Trail	12				7	2					21
Vancouver:											
Britannia High	1								50		51
Cecil Rhodes Commercial High		11									11
King Edward High	8		6						104		118
King George High									36		36
Braemar Private									3		3
Crofton House Private	12								5		17
St. Ann's Academy Private	5										5
Vancouver Academy Private									1		1
Private Study	1				1		1	8	19		30
Vancouver, North:											
Vancouver, North High	1								13		14
Private Study	1							2			3
Vancouver, South					18				25		43
Vernon				4					5		9
Victoria:											
Victoria High	4			10					59	10	83
St. Ann's Academy Private	5								4		9
St. George's Private	8								3		11
St. Margaret's Private	3								3		6
University School Private									2		2
Private Study							1	7	3	4	15
	160	11	6	41	120	26	4	22	502	14	906

Number of candidates examined 1,340
Number of successful candidates 906

HIGH SCHOOL ENTRANCE EXAMINATION, JUNE, 1919.

Medallists.

The following are the names of the winners of His Excellency the Governor-General's bronze medals:—

District No. 1—E. Patricia Robinson, Victoria Model School.
District No. 2—Violet Cheetham, Quennell School, Nanaimo.
District No. 3—Pierce W. Selwood, Cecil Rhodes School, Vancouver.
District No. 4—Sadie Boyles, Richard McBride School, South Vancouver.
District No. 5—Ida Stringer, Lotbiniere School, Chilliwack Municipality.
District No. 6—Grace E. MacCallum, Agassiz School.
District No. 7—Helen J. Armstrong, Ellis School, Penticton.
District No. 8—Annie E. Henderson, MacLean School, Rossland.
District No. 9—Donald E. Calvert, Kaslo School.
District No. 10—Percy R. Noel, Essington School.

Number of Successful Candidates at each Centre.

Abbotsford Centre.

Sumas Municipality:
- Huntingdon 5

Non-municipal School:
- Abbotsford 8

Agassiz Centre.

- Agassiz 9

Armstrong Centre.

- Armstrong City 15

Spallumcheen Municipality:
- Otter Lake 2
- Pleasant Valley 1

Non-municipal School:
- Glenemma 2

Arrowhead Centre.

- Galena Bay 1
- Trout Lake 1

Ashcroft Centre.

- Ashcroft 1

Athalmer Centre.

- Athalmer 1
- Wilmer 1
- Windermere 1

Atlin Centre.

- Atlin 1

Belmont Centre.

Langley Municipality:
- Aldergrove 4
- Belmont 5
- County Line 1
- Glen Valley 1
- Langley 4
- Langley Prairie 2
- Langley, West 1
- Milner 2
- Springbrook 1

Bradner Centre.

Matsqui Municipality:
- Aberdeen 1
- Bradner 2
- Dunach 1

Bridgeport Centre.

Richmond Municipality:
- Bridgeport 14

Britannia Beach Centre.

- Britannia Beach 6

Buckley Bay Centre.

- Buckley Bay 1

Burnaby Centre.

Burnaby Municipality:
- Barnet 1
- Douglas Road 1
- Edmonds Street 12
- Gilmore Avenue 20
- Hamilton Road 2
- Kingsway, East 1
- Kingsway, West 18
- Nelson Avenue 5
- Riverway, East 3

Chase Centre.

- Chase 2

Chilliwack Centre.

- Chilliwack City 33

Chilliwack Municipality:
- Atchelitz 4
- Camp Slough 1
- Cheam 2
- Chilliwack, East 2
- Fairfield Island 2
- Lotbiniere 2
- Rosedale 2
- Sardis 5
- Strathcona 5

HIGH SCHOOL ENTRANCE EXAMINATION, JUNE, 1919—*Continued.*

NUMBER OF SUCCESSFUL CANDIDATES AT EACH CENTRE—*Continued.*

Chilliwack Centre—Concluded.

Sumas	1
Vedder Creek	1

Clinton Centre.

Clinton	2
Forest Grove	1

Cloverdale Centre.

Delta Municipality:	
Scott Road	1
Surrey Municipality:	
Clayton	2
Cloverdale	5
Hall's Prairie	2
Kensington Prairie	1
Springdale	2
White Rock	3

Courtenay Centre.

Courtenay City	5
Non-municipal Schools:	
Comox	1
Lazo	1
Nob Hill	2

Cranbrook Centre.

Cranbrook City	36
Non-municipal Schools:	
Fort Steele	2
Moyie	1

Creston Centre.

Canyon City	1
Creston	6

Criss Creek Centre.

Criss Creek	2

Cumberland Centre.

Cumberland City	21
Non-municipal Schools:	
Minto	1
Royston	1

Duncan Centre.

Duncan City	10
North Cowichan Municipality:	
Chemainus	8
Quamichan	2
Somenos Station	2
Non-municipal Schools:	
Bench	1
Cobble Hill	1
Cowichan	5
Glenora	2
Mill Bay	2

Endako Centre.

Endako	1

Enderby Centre.

Enderby City	7
Non-municipal Schools:	
Deep Creek	1
Enderby, North	1
Hupel	1
Mara	3

Esquimalt Centre.

Esquimalt Municipality:	
Esquimalt, Div. 1	19
Esquimalt, Div. 2	3
Non-municipal Schools:	
Happy Valley	2
Highland	1
Langford	2
Metchosin	1
Rocky Point	1
Sooke	1

Essington Centre.

Essington	3

Fernie Centre.

Fernie City	25
Non-municipal Schools:	
Hurlingham	1
New Michel	1
Waldo	4

Golden Centre.

Castledale	1
Field	2
Golden	10

Granby Bay Centre.

Alice Arm	2
Granby Bay	2
Granby Bay Mine	4

Grand Forks Centre.

Grand Forks City	20
Non-municipal School:	
Cascade	1

Greenwood Centre.

Greenwood City	9
Non-municipal Schools:	
Bridesville	1
Kettle Valley	1

Hedley Centre.

Hedley	1
Nickel Plate	1

HIGH SCHOOL ENTRANCE EXAMINATION, JUNE, 1919—*Continued.*

NUMBER OF SUCCESSFUL CANDIDATES AT EACH CENTRE—*Continued.*

Heriot Bay Centre.

Heriot Bay 1

Hope Centre.

Concord 1
Hope 1
Yale 1

Howe Sound Centre.

Howe Sound 3
Roberts Creek, East 1

Kamloops Centre.

Kamloops City 28
Non-municipal Schools:
Campbell Creek 1
Duck Range 2
Fruitlands 2
Private Schools:
St. Ann's Academy 8
Zetland 3

Kaslo Centre.

Kaslo City 16

Kelowna Centre.

Kelowna City, Div. 1 17
Kelowna City, Div. 2 15
Non-municipal Schools:
Kelowna, East 2
Kelowna, North 2
Mission Creek 1
Okanagan, South 3

Keremeos Centre.

Cawston 2
Keremeos 1
Similkameen 2

Kingcome Inlet Centre.

Kingcome Inlet 3

Kitsumgallum Centre.

Kitsumgallum 2

Ladner Centre.

Delta Municipality:
Delta, East 1
Ladner 9
Trenant 1

Ladysmith Centre.

Ladysmith City 22
Non-municipal Schools:
Extension 4
Oyster, North 1

Ladysmith Centre—Concluded.

Private School:
St. Joseph's Convent 3

Lytton Centre.

Lytton 1

Malcolm Island Centre.

Kaleva 1
Malcolm Island 2

Maple Ridge Centre.

Maple Ridge Municipality:
Albion 1
Hammond 2
Haney 2
Lillooet, South 1
Maple Ridge 1
Robinson, Alexander 1
Ruskin 1
Non-municipal School:
Barnston Island 4

Masset Centre.

Masset 2

Matsqui Centre.

Matsqui Municipality:
Clayburn 1
Matsqui 5
Ridgedale 4

Merritt Centre.

Merritt City 11
Non-municipal Schools:
Canford 1
Nicola 1
Nicola, Lower 2

Mission Centre.

Mission Municipality:
Hatzic 2
Mission 9
Non-municipal Schools:
Dewdney 1
Nicomen 1
Nicomen, North 1

Mackenzie Centre.

Bella Coola 1
Bella Coola, Lower 1
Mackenzie 4

Nakusp Centre.

Arrow Park, East 1
Edgewood 1
Fauquier 2
Glenbank 2

HIGH SCHOOL ENTRANCE EXAMINATION, JUNE, 1919—*Continued.*

NUMBER OF SUCCESSFUL CANDIDATES AT EACH CENTRE—*Continued.*

Nakusp Centre—Concluded.

Mount Ingersoll	1
Nakusp	3

Nanaimo Centre.

Nanaimo City, Div. 1	35
Nanaimo City, Div. 2	24
Non-municipal Schools:	
Cedar, North	2
Cedar, South	3
Departure Bay	1
Harewood	5
Wellington	1
Wellington, South	4
Private School:	
St. Ann's Convent	5

Naramata Centre.

Naramata	3

Nelson Centre.

Nelson City, Div. 1	24
Nelson City, Div. 2	25
Slocan City	3
Non-municipal Schools:	
Balfour	5
Belford	3
Crawford Bay	1
Crescent Valley	2
Harrop	2
Hume	9
Nine-mile Creek	2
Perry Siding	1
Procter	3
Salmo	2
Ymir	1

New Denver Centre.

New Denver	5

New Westminster Centre.

New Westminster City:	
F. W. Howay	38
Lord Lister, Div. 1	32
Lord Lister, Div. 2	17
Richard McBride	24
John Robson	31
Herbert Spencer	25
Coquitlam Municipality:	
Blue Mountain	2
Delta Municipality:	
Annieville	1
Surrey Municipality:	
Westminster, South	3
Private Schools:	
Columbian College	2

New Westminster Centre—Concluded.

Our Lady of Lourdes	1
St. Ann's Academy	11

North Bend Centre.

Chaumox	1
North Bend	1
Private School:	
All Hallows	2

Notch Hill Centre.

Balmoral	1
Carlin Siding	2
Notch Hill	4
Shuswap	1

Oak Bay Centre.

Oak Bay Municipality:	
Monterey Avenue	18
Willows	8

Ocean Falls Centre.

Ocean Falls	2

Parksville Centre.

Bowser	1
Errington	2
French Creek	1
Nanoose Bay	2
Parksville	3
Qualicum Beach	3

Peachland Centre.

Peachland Municipality:	
Peachland	8

Penticton Centre.

Penticton Municipality:	
Ellis	19
Non-municipal Schools:	
Fairview	1
Okanagan Falls	1

Phoenix Centre.

Phoenix City	8
Non-municipal School:	
Coltern	2

Point Grey Centre.

Point Grey Municipality:	
Eburne	21
Kerrisdale	11
Magee	20
Queen Mary	17
Shaughnessy	19

Port Alberni Centre.

Alberni City	4
Port Alberni City	4

HIGH SCHOOL ENTRANCE EXAMINATION, JUNE, 1919—*Continued.*

NUMBER OF SUCCESSFUL CANDIDATES AT EACH CENTRE—*Continued.*

Port Alberni Centre—Concluded.

Non-municipal Schools:
- Beaver Creek 2
- Cherry Creek Valley 2
- Gill 1

Port Alice Centre.

- Port Alice 2

Port Coquitlam Centre.

- Port Coquitlam City 9

Coquitlam Municipality:
- The Glen 2

Pitt Meadows Municipality:
- Pitt Meadows 3

Non-municipal School:
- Essondale 1

Port Moody Centre.

- Port Moody City 8

Non-municipal School:
- Ioco 4

Port Simpson Centre.

- Simpson 2

Pouce Coupe Centre.

- Landry 2
- Pouce Coupe, North 2

Powell River Centre.

- Blubber Bay 1
- Lund 1
- Powell River 9
- Savary Island 2
- Vananda 1
- Wolfson Bay 1

Prince George Centre.

- Prince George City 8

Non-municipal Schools:
- Fort George 2
- Fort George, South 4

Prince Rupert Centre.

Prince Rupert City:
- Borden Street 11
- King Edward 24

Non-municipal School:
- Osland 2

Private School:
- Annunciation 5

Princeton Centre.

- Coalmont 1
- Princeton 5

Queen Charlotte Centre.

- Private study 1

Quesnel Centre.

- Quesnel 4

Revelstoke Centre.

Revelstoke City:
- Central 23
- Selkirk 16

Non-municipal Schools:
- Big Eddy 1
- Malakwa 1
- Sicamous 1
- Solsqua 1

Rock Bay Centre.

- Rock Bay 1
- Shoal Bay 1

Rossland Centre.

- Rossland City 27

Rutland Centre.

- Ellison 1
- Rutland 5

Saanichton Centre.

Saanich Municipality:
- Keating 3
- Saanichton 2
- Saanich, West 2

Salmon Arm Centre.

- Salmon Arm City 6

Salmon Arm Municipality:
- Canoe, North 2
- Canoe, South 2
- Mount Ida 4
- Salmon Arm, West 4

Non-municipal Schools:
- Tappen Siding 2
- Tappen Valley 3

Sandspit Centre.

- Sandspit 1

Sidney Centre.

- Beaver Point 1
- Burgoyne Bay 6
- Deep Cove 1
- Galiano, North 1
- James Island 1
- Sidney 2

HIGH SCHOOL ENTRANCE EXAMINATION, JUNE, 1919—*Continued.*

NUMBER OF SUCCESSFUL CANDIDATES AT EACH CENTRE—*Continued.*

Soda Creek Centre.

Soda Creek 1

Squamish Centre.

Squamish 2

Summerland Centre.

Summerland Municipality:
Summerland 24

Swanson Bay Centre.

Swanson Bay 1

Telkwa Centre.

Telkwa 1

Tofino Centre.

Clayoquot 2

Tolmie Centre.

Saanich Municipality:
Craigflower 6
Mackenzie Avenue 3
North Dairy 2
Royal Oak 3
Strawberry Vale 5
Tillicum 6
Tolmie 15

Trail Centre.

Trail City 33
Non-municipal Schools:
Hilltop 1
Robson 2

Ucluelet, East Centre.

Ucluelet 3

Union Bay Centre.

Denman Island 1
Fanny Bay 2
Union Bay 1

Vancouver Centre.

Vancouver City:
Aberdeen 21
Alexandra 24
Bayview 15
Beaconsfield 8
Central 29
Dawson, Div. 1 26
Dawson, Div. 2 19
Dawson, Div. 3 27
Dickens, Charles 21
Fairview 28
Franklin 6
Fraser, Simon, Div. 1 25
Fraser, Simon, Div. 2 14

Vancouver Centre—Concluded.

General Gordon 22
Grandview 24
Hastings 26
Henry Hudson, Div. 1 30
Henry Hudson, Div. 2 9
Kitsilano 35
Livingstone 20
Model, Div. 1 33
Model, Div. 2 15
Mount Pleasant 29
Macdonald 19
Nelson, Div. 1 34
Nelson, Div. 2 8
Nightingale, Florence 32
Rhodes, Cecil 40
Roberts, Div. 1 36
Roberts, Div. 2 26
Roberts, Div. 3 27
Secord, Laura 23
Seymour 18
Strathcona 32
Tennyson, Div. 1 34
Tennyson, Div. 2 23
Non-municipal School:
Lake Buntzen 1
Private Schools:
Holy Rosary 12
St. Augustine's 3

North Vancouver Centre.

North Vancouver City:
Lonsdale 13
Queen Mary 24
Ridgeway 30
North Vancouver Municipality:
Keith Lynn 6
Lynn Valley 9
North Star 4

South Vancouver Centre.

South Vancouver Municipality:
Brock 18
Carleton 35
Moberly 19
McBride 15
Mackenzie 31
Norquay 10
Selkirk, Div. 1 30
Selkirk, Div. 2 13
Tecumseh, Div. 1 30
Tecumseh, Div. 2 2
Van Horne 21
Wolfe 22

HIGH SCHOOL ENTRANCE EXAMINATION, JUNE, 1919—*Concluded.*

NUMBER OF SUCCESSFUL CANDIDATES AT EACH CENTRE—*Concluded.*

West Vancouver Centre.

West Vancouver Municipality:
- Dundarave 1
- Hollyburn 13

Vanderhoof Centre.

- Fort Fraser 1
- Nechako 1
- Vanderhoof 1

Vernon Centre.

- Vernon City, Div. 1 20
- Vernon City, Div. 2 15

Coldstream Municipality:
- Coldstream 2

Non-municipal Schools:
- Lumby 2
- Mabel Lake 1
- Okanagan Centre 3
- Oyama 4

Private School:
- Vernon Preparatory 1

Victoria Centre.

Victoria City:
- Boys' Central 21
- Sir James Douglas 36
- Girls' Central 29
- George Jay, Div. 1 22

Victoria Centre—Concluded.

- George Jay, Div. 2 18
- George Jay, Div. 3 11
- Margaret Jenkins 22
- North Ward, Div. 1 30
- North Ward, Div. 2 4
- Oaklands 19
- Quadra 12
- South Park 46
- Victoria West 9

Non-municipal Schools:
- Albert Head 1
- Cranberry Marsh 1

Private Schools:
- St. Ann's Academy 22
- St. George's 6
- St. Louis College 4
- William Head 1

Victoria Model Centre.

Saanich Municipality:
- Cedar Hill 6
- Gordon Head 2

Non-municipal School:
- Victoria Model 2

Willow River Centre.

- Giscome 1
- Willow River 1

Number of candidates examined	2,289
Number of successful candidates	1,551
Number of pupils promoted to high schools on recommendation of principals of schools in cities of the first and second class	1,666
Total number of pupils promoted to high school	3,217

APPENDIX B.

HIGH SCHOOL ENTRANCE EXAMINATION, 1919.

BRITISH HISTORY. (Time, 1½ hours.)

Value.

14 1. Write short notes on any *two* of the following:—
(*a.*) Poynings' Acts.
(*b.*) Cardinal Wolsey.
(*c.*) "The Rump."
(*d.*) Freedom of the Press.
(*e.*) The Chartists.

19 2. "Even the Dissenters demanded the withdrawal of the Declaration of Indulgence."
(*a.*) Explain "Dissenters"; "Declaration of Indulgence."
(*b.*) Why did the Dissenters demand the withdrawal of the "Declaration"?
(*c.*) Mention the events immediately following.

19 3. (*a.*) What was the moral condition of the people of England during the early Hanoverian period?
(*b.*) Ascribe reasons for this condition.
(*c.*) How and by what persons was a changed condition commenced?

14 4. Name some of the discoveries and inventions that transformed Britain "from a thinly peopled land of moors, of corn-fields and pastures, into a thickly peopled manufacturing country."

19 5. (*a.*) What do you understand by "Free Trade"?
(*b.*) What arguments were used to secure its adoption?
(*c.*) What effect has its adoption had upon the industrial position of Britain?

15 6. Enumerate the chief naval events of the past five years, and describe any *one* of them.

NATURE LESSONS. (Time, 1¼ hours.)

[NOTE.—*Answer the first three questions and any* four *of the remaining seven questions.*]

Value.

20 1. (*a.*) There are three main classes of foods. Name these and state the particular value of each to the human body.
(*b.*) What article or articles of food might be properly substituted (1) for wheat flour, (2) for meat? Give reasons for the selection you make.

14 2. (*a.*) Mention some of the ways in which disease germs may get into milk.
(*b.*) Why does milk keep best in a cold room or refrigerator?

10 3. (*a.*) Explain how dust aids in the spread of disease.
(*b.*) Tell how sweeping and dusting should be done in living-rooms or school-rooms.

14 4. (*a.*) What conditions must be present before seeds will germinate?
(*b.*) Make a drawing of a germinating bean after two or three days' growth. Show and name the parts of the little embryo plant contained in it.

Value.

14 5. (*a.*) What are the most important food constituents in milk?
(*b.*) How would you separate these food constituents and identify each?

14 6. (*a.*) Mention some of the best ways of attracting birds to the school or home grounds.
(*b.*) Write a brief description of some bird which you know by sight; state briefly the chief points by which one might identify this bird.

14 7. (*a.*) Give three examples each of early-maturing and late-maturing garden vegetables.
(*b.*) Draw a plan of a garden plot showing how you would arrange these six varieties of vegetables and give instructions for managing such a plot.

14 8. (*a.*) Bacteria may be classed as (1) beneficial and (2) injurious. Give two examples of each class.
(*b.*) Bacteria in boiling water are killed in a few minutes. Why then is it necessary in the canning of corn and peas to keep the filled jars at boiling temperature for two or three hours?

14 9. (*a.*) State the main purpose in the grafting or budding of fruit-trees.
(*b.*) Explain the process of budding. Illustrate with drawings.

14 10. (*a.*) There are two main methods by which insects do great injury to plants. What are these methods? Name a species of insect responsible for each method of injury.
(*b.*) Give method of control for each of these two kinds of insects.

ENGLISH LITERATURE. (Time, 2 hours.)

Fourth Reader.

Value.

12 1. Quote any *two* of the following:—
(*a.*) One stanza from "Recessional."
(*b.*) Six lines from the "The Duty of Canadians," beginning, "They must play for the sake of the game . . . without boasting."
(*c.*) The last stanza from "The Chambered Nautilus."
(*d.*) Two stanzas from "Elegy in a Country Churchyard."
(*e.*) One stanza from "Lead Kindly Light."

10 2. Explain briefly, but clearly, what is referred to in each of the following passages:—
(*a.*) "He told them of a region, hard, iron-bound, and cold,"
(*b.*) "Far-called our navies melt away,"
(*c.*) "Thanks for the heavenly message brought by thee,
Child of the wandering sea,"
(*d.*) "Gladness grew in me upon the discovery of so delightful a scene."
(*e.*) "But O for the touch of a vanished hand
And the sound of a voice that is still!"

8 3. (*a.*) What was the quest of Sir Galahad?
(*b.*) Relate two of Sir Galahad's mystic experiences as he followed his quest.

6 4. (1.) "Wrecked is the ship of pearl!
And every chambered cell,
Where its dim dreaming life was wont to dwell
As the frail tenant shaped his growing shell,
Before thee lies revealed,—
Its irised ceiling rent, its sunless crypt unsealed!"

(2.) "And every autumn blast that swept o'er pinnacle and pier
Fill'd manly hearts with sorrow and gentle hearts with fear."

(3.) "And by the moon the reaper weary,
Piling sheaves in uplands airy,
Listening whispers 'Tis the fairy
Lady of Shalott.'"

(*a.*) Which of the above passages is the most musical?

(*b.*) Which is the most descriptive?

Value.
12 5. (*a.*) Describe the feelings of the captain as Stevenson tells of them in "The Loss of the Brig."

(*b.*) From what longer work is this selection taken?

(*c.*) "I went down, and drank my fill, and then came up, and got a blink of the moon, and then down again." Who is speaking? What happened to him after this?

The Lady of the Lake.

8 1. Which one of the characters in this story do you like best? Give three reasons for your choice.

12 2. (*a.*) Why did Roderick Dhu decide to summon his clan for battle?

(*b.*) Whom did he ask to join forces with him? What reply was given to Roderick?

12 3. "Fast as the fatal symbol flies,
In arms the huts and hamlets rise;"
Describe the scenes caused by the appearance of "the fatal symbol."

12 4. Tell who speaks in each of the following passages, and state the occasion on which each passage was spoken:—

(*a.*) "Who o'er the herd would wish to reign,
Fantastic, fickle, fierce, and vain?
Vain as the leaf upon the stream,
And fickle as a changeful dream;
Fantastic as a woman's mood,
And fierce as Frenzy's fevered blood."

(*b.*) "Fleet foot on the correi,
Sage counsel in cumber,
Red hand in the foray,
How sound is thy slumber!"

(*c.*) "There is no breeze upon the fern,
No ripple on the lake,
Upon her eyry nods the erne,
The deer has sought the brake;
The small birds will not sing aloud,
The springing trout lies still,
So darkly glooms yon thunder-cloud,
That swathes, as with a purple shroud,
Benledi's distant hill."

(*d.*) "Why sounds yon stroke on beach and oak,
Our moonlight circle's screen?
Or who comes here to chase the deer,
Beloved of our Elfin Queen?
Or who may dare on wold to wear
The fairies' fatal green?"

8 5. Quote any *one* of the following:—

(*a.*) The first stanza of the "Boat Song."

(*b.*) Ten lines beginning, "Boon nature scattered, free and wild . . . . "

(*c.*) Twelve lines beginning, "The water-lily to the light . . . . "

(*d.*) Nine lines beginning, "Hark! as my lingering footsteps slow retire."

ARITHMETIC. (Time, 2 hours.)

Value.

10 1. (*a.*) Simplify $\frac{2\frac{1}{3}}{7}+\frac{5}{3\frac{3}{4}}-1\frac{1}{5}$.

(*b.*) Subtract the sum of 8.396 and 3.74 from 20.

10 2. (*a.*) A lot is 110 feet long and 66 feet wide. Express its area as a fraction of an acre.

(*b.*) What is the area of a circle which has a diameter of 98 feet?

12 3. (*a.*) Find the premium on an insurance policy of $7,500 at $36.70 per $1,000.

(*b.*) The assessed valuation of a certain city for the present year is $567,842,070. The school rate is 5.6 mills on the dollar. Find the total amount to be raised for school purposes.

8 4. A bridge 84 feet long and 24 feet wide is covered with oak planks 2½ inches thick. What will the planks cost at $32 per M.?

12 5. The interior of a freight-car is 8 feet wide, 34 feet long, and 7 feet high. (*a.*) How many cubic feet does it contain? (*b.*) If it is filled with grain to a height of 5 feet 9 inches, how many bushels are in it, allowing 1¼ cubic feet to a bushel?

12 6. A farmer has two cows, one supplying in the month of May 960 lb. of milk testing 3.4% butter-fat, and the other 780 lb. testing 4.2%. He sold the milk to a creamery which allowed him 36c. a pound for butter-fat. Find the amount of money he should receive from the creamery.

18 7. A merchant bought 340 gallons of maple syrup at $2.90 a gallon. He paid an *ad valorem* duty of 3½% and a specific duty of 3c. a gallon. He also paid $17.50 for carriage. (*a.*) At what price per gallon must he sell in order to gain $50 on the transaction? (*b.*) At what price per gallon would he have to sell in order to gain 30%?

18 8. (*a.*) A person borrowed $870 on June 3rd, 1915, at 7%. He paid the principal and interest on February 8th of the following year. How much did he have to pay?

(*b.*) Find the compound interest on $480 for 1 year 4 months at 6%, the interest being added half-yearly.

DICTATION AND SPELLING. (Time, 1 hour.)

[NOTE.—*The Presiding Examiner will please notify candidates before he begins to dictate this paper that the quality of writing in the Dictation and Spelling paper decides 50 per cent. of the marks awarded in the subject of Writing.*

The passages (questions A and B) are to be read slowly and distinctly to candidates three times—the first time to enable them to gather the meaning; the second time to enable them to write the words; the third time for review. Punctuation marks should not be dictated. Candidates are not permitted to rewrite the passages.]

Value.

30 A. "The very rigor of the winter insures that Canadians shall have the strength of a northern race, and attracts to this country the hardiest people of the old world. Then the business energy and high sense of honor which characterize the British and the courtesy and refinement for which the French are so famous, qualities which have done much to make these two nations great and prosperous, are the natural heritage of the people of Canada; and so long as Canada continues to cultivate these qualities, she is bound to become not only a great country, but to take a leading part in the future of the British Empire."

Value.

14 B.

Whither midst falling dew,
While glow the heavens with the last steps of day,
Far through their rosy depths dost thou pursue
Thy solitary way?
Vainly the fowler's eye
Might mark thy distant flight to do thee wrong,
As darkly painted on the crimson sky
Thy figure floats along.

26 C. (1.) The lives of great men afford no striking themes for the sculptor.
(2.) "What dost thou want?" asked the Prince; "I have already given thee alms."
(3.) He possessed a commanding energy and in subtlety and craft could match the best of his wily race.
(4.) The siege was kept up with varying persistence for fifteen months.
(5.) They had neglected to take the most ordinary precautions and refused to undergo the personal sacrifices that were needed to insure the security of their valuable possessions.

30 D. 1. Constant menace,
2. complete esteem,
3. immediate answer,
4. prosperous pioneer,
5. interrogative sentence,
6. secret raptures,
7. exquisitely designed,
8. responsible government,
9. personal merit,
10. ruinous condition,
11. mystic figures,
12. promissory notes,
13. infinite patience,
14. casual notice,
15. nervous system,
16. ancient cathedral,
17. mournful rhymes,
18. hygienic teaching,
19. pyramids of Egypt,
20. military strength,
21. choose and chose,
22. previously acquired,
23. quaint attire,
24. quite natural,
25. vowels and consonants,
26. holly boughs,
27. advantageous position,
28. Elizabeth's reign,
29. prophetic words,
30. till and until.

GRAMMAR AND COMPOSITION. (Time, 2 hours.)

Value.

18 1. Write out the subordinate clauses in the following sentences and state the relation of each:—
(*a.*) You will laugh when you know where I have gone.
(*b.*) When I ventured to touch him with my rifle-barrel he left grooves in it which are there to this day.
(*c.*)
But light I held his prophecy
And deemed it was my father's horn
Whose echoes o'er the lake were borne.

6 2. Write out the modifying words and phrases in the following sentence, and tell what each modifies:—
Down this street marched two British regiments with colours flying.

16 3.
At two o'clock in the morning, if you *open* your window and *listen*,
You will hear the feet of the *Wind that* is going to call the *Sun*.
And the trees in the shadow rustle and the trees in the moonlight glisten,
And *though* it is deep, dark *night*, you feel *that* the night is done.
(*a.*) Classify the sentences in the above selection as simple, compound, or complex.
(*b.*) What part of speech is *open*, *that* (second line), *though*, *deep*, *that* (last line). Give a reason for your classification of each word.
(*c.*) Give the case and the relation of *morning*, *feet*, *Sun*, and *night* (the first).
(*d.*) Give the tense and the mood of *listen*, *will hear*, *is going*.
(*e.*) Explain why *Wind* is written with a capital letter

Value.

15 4. Rewrite the following sentences, choosing the proper words and giving the reasons for your choice:—

(*a.*) Each of the boys (has, have) tried to solve the problem.

(*b.*) A man told John and (I, me) where to get it.

(*c.*) Philosophers have often (mistook, mistaken) the source of true happiness.

(*d.*) Everybody has brought (their, his) books.

(*e.*) (You and he, He and you) may leave.

10 5. Give:—

(*a.*) (1.) The past participle of *drink*, *wear*, *lie* (recline). (2.) The comparative degree of *many*, *forth*, *slowly*. (3.) The plural of *sheep*, *valley*, *country*. (4.) The feminine of *friar*, *nephew*, and *landlord*.

(*b.*) Combine the following sentences to form one sentence: The Hudson's Bay Company has carried on trade for many years. This trade has been by way of Hudson Bay. This is an immense inland sea. It is in the northern part of Canada.

10 6. The following advertisement appeared in a daily paper:—

"WANTED—Reliable boy or girl for office. Good opportunity for advancement. Write giving age, educational qualifications, and reference. Western Electric Co., 326 Broad St., Victoria."

Write an application for this position. Rule a space on your paper and in it write the envelope address.

25 7. Write a composition on any *one* of the topics given below:—

A Heroic Deed of the Great War.
My First War-saving Stamp.
The Games at Stirling Castle (Lady of the Lake).
The Loss of the Brig.
The Attack on the Palisade at Long Sault.
What I should like to be.

GEOGRAPHY. (Time, 1½ hours.)

Value.

12 1. (*a.*) What part of Europe has a climate somewhat similar to that of the coast of British Columbia?

(*b.*) What country in South America has a climate somewhat similar to that of the coast of British Columbia?

State reasons for the similarity in each case.

12 2. Name the sections of Europe in which the following are important industries:—

(*a.*) Wheat-growing.

(*b.*) Lumbering.

(*c.*) Glass and Porcelain making.

(*d.*) Linen-manufacturing.

(*e.*) Salt-mining.

(*f.*) Silk-manufacturing.

(*g.*) Dairy-farming.

(*h.*) Fruit-growing.

20 3. Locate and account for the importance of the Kiel Canal, Ypres, Delhi, Singapore, Vladivostock, the Falkland Islands, Buenos Aires, Para, Kimberley, and Suez Canal.

Value.

16 4. (*a.*) Name the states which form the Commonwealth of Australia.
(*b.*) Name and locate three of its seaports.
(*c.*) Name four of its exports.
(*d.*) Why has its eastern coast more rainfall than the western coast?

10 5. In what localities in British Columbia are the following industries carried on: Dairy-farming, fruit-growing, stock-rearing, paper-making, coal-mining, copper-mining, ship-building?

30 6. Draw an outline map of the Dominion of Canada, indicating thereon: (*a.*) Four of the chief rivers; (*b*) the nine provinces with their capital cities; (*c*) two of the transcontinental railways.

CANADIAN HISTORY. (Time, 1½ hours.)

Value.

17 1. (*a.*) Why did the thirteen American colonies resolve to sever their connection with the Mother Country?
(*b.*) Mention three important events of the war which followed, and describe *one* of them in detail.
(*c.*) What was the final result of the struggle? Give name and date of the treaty which closed the war.

17 2. (*a.*) Give reasons for the passing of the Constitutional Act of 1791.
(*b.*) Describe the form of government which was provided by this Act.
(*c.*) Point out what was afterwards found to be two serious defects in the Act.

13 3. (*a.*) In what manner did the North West Company threaten the "profitable monopoly" of the Hudson's Bay Company?
(*b.*) Mention three famous "partners" of the Nor-Westers. Describe the exploits of *one* of them.

14 4. (*a.*) Why was Lord Durham sent to Canada in 1838?
(*b.*) What recommendations did he submit to the British Government?
(*c.*) In what way did that Government try to carry out these recommendations?

14 5. In the settlement of the boundary-line between Canada and the United States disputes arose. Write fully on *one* of the following:—
The Ashburton Treaty (1842).
The Oregon Treaty (1846).
The San Juan Boundary Dispute (1859).
A sketch-map illustrating your answer should accompany your written account.

15 6. (*a.*) What four provinces first united to form the Dominion of Canada? Name a man from each province who helped to bring about this union.
(*b.*) When did British Columbia join the Dominion? What advantages did our Province hope to derive from this union?

10 7. Write fully on *one* of the following:—
Louis Riel.
Joseph Howe.
Captain George Vancouver.
Sir James Douglas.
Sir Wilfrid Laurier.

DRAWING. (Time, 2 hours.)

Value.

25 (*a.*) Select four examples of work from your drawings, as follows:—

1. The best geometrical design from Example 13, Book IV-A (third edition).
2. The best example of any work you have done in colours.
3. The best freehand drawing of an object based on a cube or square prism; if possible, not from a plain type-model.
4. The best freehand design based upon some plant or insect.

35 (*b.*) Freehand drawing:—

Draw with ruler and compasses an equilateral triangle having sides 20 cm. long. Then fit into the triangle an outline drawing in pencil, based upon the brush drawing below. Complete your design with a border of suitable width.

20 (*c.*) Freehand object drawing from memory:—

Sketch lightly a cylinder 6 inches high, showing a little of the top. Convert this type-model into the picture of an object and leave the drawing in its sketch state.

20 (*d.*) Geometrical drawing:—

1. Construct a scale to read feet and inches when 1½ inches represents 1 foot.
2. Draw a rectangle 5 inches by 7½ inches, and make a simple geometrical design within it, using the compasses.

APPENDIX C.

HIGH SCHOOL EXAMINATION, 1919.

Third-class Certificate (Non-professional).

ENGLISH LITERATURE. (Time, 2 hours.)

Value.

16 1. Write a paragraph or two describing the life and pleasures of Auburn as Goldsmith knew them in his youth.

Write short explanatory notes on: (*a.*) "An hour's importance to the poor man's heart." (*b.*) "The country blooms—a garden and a grave." (*c.*) "The sad historian of the pensive plain." (*d.*) "I see the rural virtues leave the land."

23 2. (*a.*) Contrast the characteristics of the Green Linnet and of the Cuckoo as they are described by Wordsworth.

Comment on these phrases from the poem *To the Cuckoo*:—

(i.) "A tale of visionary hours."

(ii.) "No bird, but an invisible thing,
A voice, a mystery."

(iii.) "An unsubstantial, faery place,
That is fit home for thee."

(*b.*) Quote *one* of Wordsworth's sonnets.

16 3. Condense into a carefully-written paragraph the story that lies behind Scott's Rosabelle.

Write short explanatory notes on:—

(*a.*) "Last night the gifted Seer did view
A wet shroud swathed round ladye gay."

(*b.*) "'Tis not because the ring they ride."

(*c.*) "With candle, with book, and with knell."

(*d.*) Roslin Chapel.

15 4. Answer any *one* of the following:—

(*a.*) What great names are associated in Byron's mind with Florence? Explain why he addresses her as "Ungrateful Florence"

(*b.*) What great buildings of Rome does Byron mention? Give the reflections and feelings stirred in him by any *one* of these buildings, quoting where necessary.

(*c.*) What aspects of Nature appeal most to Byron? Give definite references or quotations.

15 5. (*a.*) What light do the *Ode to a Skylark* and *Ozymandias* throw on Shelley's character and ideals?

(*b.*) "Like a glow-worm golden
In a dell of dew
Scattering unbeholden
Its aerial hue
Among the flowers and grass, which screen it from the view:

Like a rose embower'd
In its own green leaves,
By warm winds deflower'd
Till the scent it gives
Makes faint with too much sweet these heavy-wingéd thieves."

In what respects does the skylark resemble the glow-worm and the rose? What are the "heavy-wingéd thieves"?

Value. 15

6. (*a.*) Keats is famous for his "fine phrases"; give examples (each not exceeding a line or two) from the *Ode to a Nightingale.*

(*b.*) Write notes on the words or phrases in italics:—

"Much have I travell'd in the *realms of gold*
And many goodly states and kingdoms seen;
Round many *western islands* have I been
Which bards in fealty to *Apollo* hold.
Oft of one wide expanse had I been told
That deep-brow'd Homer ruled as his demesne:
Yet did I never breathe its pure serene
Till I heard *Chapman* speak out loud and bold:
Then felt I like some watcher of the skies
When a new planet swims into his ken;
Or like *stout Cortez* when with eagle eyes
He stared at the Pacific,—and all his men
Look'd at each other with a wild surmise—
Silent, upon a peak in Darien."

COMPOSITION. (Time, 2 hours.)

Value. 25

1. Name the three chief paragraph laws and show to what extent they are adhered to in the following paragraph:—

The Trailing Arbutus, Mayflower, or Ground Laurel, as it is variously called, belongs to the heath family of plants, and is found in the woods or upland pastures during the month of April. Its slender stalk is tough and woody-fibred, and trails close to the ground under dry leaves and dead grass. The oval leaf is an evergreen, also tough of fibre and rough to the touch, but usually worm-eaten and rust-spotted. The flower spreads into five rounded points and varies in hue from an exquisite white to a deeply tinted rose. These blossoms are gathered in close clusters along the ends of the stalk and branches, and exhale a sweet and spicy fragrance. The entire plant, with its green and rusty leaves, hugs the earth so closely that often only the tips of the flowery clusters show here and there among the dried leaves. Nature, too, keeps fast the secret of its growth, and the Arbutus refuses to live in man's care for more than one or two seasons.

75

2. Write an essay on *one* of the following subjects:—

(*a.*) The adventures of a family driven from Goldsmith's *Deserted Village.*

(*b.*) Scott's love of the romantic.

(*c.*) The Red Cross.

(*d.*) The story of aerial navigation.

ALGEBRA. (Time, 2 hours.)

[N.B.—*All work must be shown. It must be neat and accurate.*]

Value.

14 1. (*a.*) Divide $6x^5+57x^4y+128x^3y^2-60x^2y^3-130xy^4+63y^5$ by $3x^3+15x^2y+7xy^2-9y^3$.

(*b.*) Simplify by removing brackets :—

$$-\Big[a-\big\{a+(x-a)-(x-a)-a\big\}-2a\Big].$$

20 2. (*a.*) Solve $3x-4y-6z=-16$, $4x-y-z=5$, and $x-3y-2z=-2$.

(*b.*) If 1 be added to the numerator of a fraction it reduces to $\frac{1}{5}$; if 1 be taken from the denominator it reduces to $\frac{1}{7}$. Find the fraction.

24 3. Resolve into factors :—

(*a.*) $a^2-2ab+b^2-c^2$.

(*b.*) $(a+b)^3c^5+c^5$.

(*c.*) $6+x(1-x)$.

(*d.*) $x^4+3x^2y^2+4y^4$.

(*e.*) x^2-4y^2+x-2y.

(*f.*) $16x^6-64y^6$.

20 4. (*a.*) Find the highest common factor of $3x^4+8x^3+4x^2$, $3x^5+11x^4+6x^3$, and $3x^4-16x^3-12x^2$.

(*b.*) Find the lowest common multiple of $m+n$, m^3n+n^4, and $(m^2-mn)^3$.

14 5. Multiply $\dfrac{1+8x^3}{(2-x)^2}$ by $\dfrac{4x-x^3}{1-4x^2}$, and divide the result by $\dfrac{(1-2x)^2+2x}{2-5x+2x^2}$.

8 6. (*a.*) Write an example of each of the following :—

(1.) A binomial expression each term of which is a trinomial.

(2.) A homogeneous expression of the sixth degree.

(3) An identical equation.

(*b.*) Express as an algebraical equation : Three times the square of ab plus the cube-root of c is equal to p times the quotient of m divided by n.

GEOMETRY. (Time, 2 hours.)

[NOTE.—*Draw neat diagrams, use printed capitals, and give authorities.*]

Value.

12 1. (*a.*) If two triangles have the three sides of the one respectively equal to the three sides of the other, the triangles are equal in all respects.

4 (*b.*) Under what other conditions are triangles identically equal?

12 2. If a straight line cuts two parallel straight lines, it makes :—

(1.) The alternate angles equal to one another.

(2.) The exterior angle equal to the interior opposite angle on the same side of the cutting line.

(3.) The two interior angles on the same side together equal to two right angles.

16 3. Draw a parallelogram ABCD and take a point P without it. Show how to draw from P a straight line which will divide the parallelogram into two parts of equal area.

Value.

12 4. Show that of all straight lines that can be drawn to a given straight line from a given point outside it, the shortest is the perpendicular.

16 5. If the base BC of a triangle ABC is bisected at D and if AD is less than BD, show that the triangle ABC must be obtuse-angled.

16 6. Prove that the straight lines which bisect the interior angles of a parallelogram form a rectangle.

12 7. To find the locus of a point P which moves so that its perpendicular distances from the two given straight lines AB, CD are equal to one another.

PHYSIOLOGY. (Time, 1½ hours.)

Value.

20 1. Write on the cells of the body under the headings:—

(*a.*) Structure.

(*b.*) Life.

(*c.*) Growth.

(*d.*) Development.

20 2. Define *Absorption*. Describe *fully* what happens to the food from the time it enters the stomach until it reaches the heart.

20 3. What are the respective functions of the *white* and *red* blood corpuscles? Trace the course of a blood corpuscle from the left ventricle of the heart to the lower part of the body and back to the left ventricle.

20 4. Write fully on the hygienic value of *bathing*.

20 5. What, in emergency, should be done in the case of a severe burn?

BOTANY. (Time, 1½ hours.)

Value.

60 1. Write an account of the growth of plants under the following heads, illustrating, where possible, by diagrams:—

(1.) Early growth of seed.

(2.) Life history and growth of herbaceous plants having bulbs or corms.

(3.) Increase in thickness of woody stems.

(4.) Vegetative reproduction through the renewed growth of buds.

(5.) Dependence of plant-growth upon absorption of mineral substances from the soil.

(6.) Dependence of plant-growth upon the production of sugar and starch.

40 2. Name *two examples* of each of *any three* of the families named below:—
Ranunculaceæ; Cruciferæ; Rosaceæ; Compositæ; Liliaceæ.
What characters are common to the two examples given for each family? In what respects are they different?

AGRICULTURE. (Time, 2 hours.)

(*See* paper set on this subject for the Junior Matriculation Examination.)

PHYSICS AND CHEMISTRY. (Time, 1½ hours.)

Value.

18 1. What is meant by the *density* of a substance? Describe fully, with drawings, how you would determine the density of a liquid; of a solid.

16 2. What is the unit quantity of heat generally adopted? What is this unit called? 120 grams of cold water at 20° C. are mixed with 200 grams of warm water at 80° C., and the mixture is found to be 57½° C. How many heat units has the warm water lost?

16 3. What is the difference between Lime and Limestone? How many cwts. of lime could be obtained from 100 cwts. of limestone if heated sufficiently in a lime-kiln?

16 4. "Breathing is really a kind of burning." Explain this statement. Explain as fully as you can what becomes of the oxygen taken into the lungs.

16 5. What is the cause of *hardness* in water, and how may it be removed? Name the two classes into which hard waters are divided. In what ways does their hardness differ?

18 6. What is the easiest method for preparing hydrogen gas? Make a drawing of the apparatus you would use. What are the physical properties of that gas?

LATIN. (Time, 2 hours.)

Value.

14 1. Decline:—

(*a.*) In the singular, *ego, quae, ille* (masc. only), *idem* (masc. only).

(*b.*) In the plural, *tu, id, audiens* (masc. only).

6 2. Write the following verb-forms:—

(*a.*) Second singular present indicative passive of *capio.*

(*b.*) Second singular future indicative passive of *interficio.*

(*c.*) Third plural future indicative of *possum.*

(*d.*) Third plural imperfect indicative of *possum.*

(*e.*) Third plural perfect subjunctive of *sum.*

(*f.*) Second plural perfect indicative active of *mitto.*

16 3. Write:—

(*a.*) A synopsis (i.e., first person singular of each tense) of *vereor* in the indicative.

(*b.*) A synopsis of *sequor* in the subjunctive.

(*c.*) A synopsis of the subjunctive of *fero* in the active and passive.

(*d.*) The present and perfect infinitives of *fero* in the active and passive.

(*e.*) The present indicative of *malo* throughout.

(*f.*) The present subjunctive of *volo* throughout.

(*g.*) The future indicative of *eo* throughout.

10 4. Express in Latin:—

On the top of the hill; the island was called Britain; Caesar put the lieutenant in command of the camp; she promises to be good; this is my province, that yours; just before dawn; at the beginning of spring; Cicero delivered a speech; he is mindful of us; he joined Caesar.

9 5. Give the Latin adverbs for "greatly," "little," "well," "ill," "for a long time," "easily," and write their comparative and superlative degrees.

Value.

20 6. Translate into Latin:—

(*a.*) On being informed of his arrival, they betook themselves to the marshes.

(*b.*) After advancing seven miles from that place, he reached the same river.

(*c.*) Did not Caesar announce that he would gladly come hither?

(*d.*) If Caesar were present, they would fight more vigorously.

(*e.*) We ought to burn the town that it may not be of service to the Romans.

11 7. Translate:—

Ubi de ejus adventu Helvetii certiores facti sunt, legatos ad eum mittunt; sed Caesar negat se posse iter ulli per provinciam dare. Relinquebatur una per Sequanos via. Mox Caesari renuntiatur Helvetios per agrum Sequanorum iter in Santonum fīnēs facere, qui non longe a provincia nostra absunt. Intellegebat periculosum provinciae fore, si homines bellicosi, populi Romani inimici, provinciae finitimi *essent.*

(*a.*) Explain the subjunctive *essent.*

14 8. Translate:—

Dum haec in colloquio geruntur, Caesari nuntiatum est equites Ariovisti propius accedere, et lapides telaque in nostros conjicere. Caesar loquendi finem fecit, seque ad suos recepit, suisque imperavit, ne quod omnino telum in hostes rejicerent, ne pulsi hostes dicere possent se in colloquio per insidias circumventos. Quibus *rebus* cognitis, multo majus studium pugnandi *exercitui* injectum est.

(*a.*) Explain the case of *rebus, exercitui,* and the use of the subjunctive in the second sentence.

Greek. (Time, 2 hours.)

Value.

6 1. What is meant by (*a.*) Middle deponent, (*b.*) Passive deponent? Give an example of each and write the principal parts.

18 2. Write:—

(*a.*) Aorist subjunctive active of λύω.

(*b.*) Aorist subjunctive passive of λύω.

(*c.*) Aorist optative active of λύω.

(*d.*) Present optative middle of τιμάω.

(*e.*) Aorist imperative middle of λύω.

(*f.*) Aorist and future infinitives, active, middle, and passive of λύω.

8 3. (*a.*) How is agency expressed in Greek?

(*b.*) Name three Greek prepositions that take the *genitive* only.

(*c.*) What mood and tense are used in Greek in a present contrary to fact condition?

(*d.*) Write the first ten cardinals in Greek.

10 4. Write the principal parts of φεύγω, καλέω, τάττω, λείπω, λαμβάνω.

12 5. Write the following forms:—

Accusative singular, dative plural, and accusative plural of ἡγεμών, πατήρ, ἀνήρ, εὖρος, μέλας (in the neuter), πόλις, ἄστυ, λυθείς (in the feminine).

10 6. Decline ἡδύς in the masculine plural, μέγας in the masculine singular, βασιλεύς and ναῦς throughout.

6 7. Write the Greek adjectives for "sweet," "bad," "shameful," "safe," and write their comparative and superlative degrees.

Value.

20 8. Translate into Greek :—

(*a.*) Whenever the Greeks approached, the barbarians fled.

(*b.*) There Cyrus had a large park full of wild beasts which he used to hunt on horseback.

(*c.*) They fled from the hill in fear that they should be cut to pieces.

(*d.*) If you make use of the Greek force, you will easily conquer these barbarians.

(*e.*) We led him away that he might not harm our friends.

10 9. Translate into English :—

ἐνταῦθα μένουσιν ἡμέρας πέντε, καὶ τοῖς στρατηγοῖς τοῖς Ἑλληνικοῖς Κῦρος λέγει ὅτι ἡ ὁδὸς ἔσται πρὸς τὸν Ἀρταξέρξην εἰς Βαβυλῶνα· καὶ κελεύει αὐτοὺς λέγειν ταῦτα τοῖς στρατιώταις καὶ πείθειν ἕπεσθαι. οἱ δὲ στρατιῶται χαλεπαίνουσι τοῖς στρατηγοῖς, καὶ οὐκ ἐθέλουσιν ἕπεσθαι ἐὰν μὴ Κῦρος αὐτοῖς χρήματα διδῷ ὥσπερ καὶ πρότερον. ταῦτα οἱ στρατηγοὶ Κύρῳ ἔλεγον· ὁ δ' ὑπισχνεῖται στρατιώτῃ ἑκάστῳ πέντε ἀργυρίου μνᾶς ἐπὴν εἰς Βαβυλῶνα ἥκωσι. τὸ μὲν δὴ Ἑλληνικὸν οὕτως ἐπείσθη.

FRENCH (Siepmann, etc.) (Time, 2 hours.)

Value.

10 1. Rewrite the following sentence ten times, introducing each time one of the expressions given below :—

Il vendait des chevaux.

(beaucoup; beaux; blancs; quelques; trois; ne . . . pas; une foule; plusieurs; peu; un tas.)

10 2. In the sentences below replace the portions printed in italics by a personal pronoun or an adverb :—

(1.) Tu vends ta ferme *au fermier* et le fermier vend *son cheval.* (2.) *Le capitaine* parlait *aux matelots.* (3.) Quand tu parles *de tes aventures,* tu penses *à ta traversée.* (4.) N'obéissez pas *à votre père,* obéissez *à votre mère.* (5.) Mon père m'emmena *à la ville,* mais je n'eus pas le temps *de le faire.*

8 3. Rewrite the following expressions, replacing each noun by the one given in parenthesis :—

L'herbe fraîche (oeuf). Un villageois curieux (femme). Mon vieux père (ami). Son pied mignon (mains). Un gros boeuf (vache). Des cerises douces (fruit). Un bois épais (forêt). Des cheveux roux (vaches).

12 4. In the following replace the present by either the imperfect or the preterite, as the case may be :—

Un jour nous *traversons* une prairie. Tout à coup nous *remarquons* un taureau. Je *pousse* des cris perçants. Nous *décidons* de courir derrière un arbre. Le taureau *va* trop vite. Il *barre* la route. Alors mon frère *reste* à sa place pendant que je *galope* de toute ma force, et il *jette* son paletot sur la tête du taureau. L'animal aveuglé *saute* à droite et à gauche et se *brise* les cornes contre l'arbre. Grace à mon frère j'*échappe.*

10 5. Complete the following sentences, inserting a relative pronoun and putting the verb in the past definite :—

(1.) Voilà les lettres . . . je vous parlais. (2.) J'ai trouvé la lettre . . . vous m'adressez. (3.) Nous punirons les élèves . . . les oublient. (4.) Oh! les beaux rochers . . . nous gravissons. (5.) C'est un garçon . . . tout le monde a confiance.

Value.

10 6. Put into French:—

(1.) The cook has gone to the market. (2.) What have they still to buy? (3.) We are in the country. (4.) It is half-past eight. (5.) In spring it is delightful. (6.) Look at those flowers. (7.) There are such high oak-trees. (8.) The first of January. (9.) What ugly voices they have. (10.) Marguerite has a pretty little red and blue carriage.

20 7. Translate:—

When I was young we had a beautiful black dog, whose picture is still in our drawing-room. It was really a splendid dog, his name was Nero. One day my father took me with him to a neighbouring town in our little carriage. While he was in a shop where he had some purchases to make, the horse, being frightened by a bicycle which passed quite close (*près*) to our vehicle, suddenly started. I got up quickly to take hold of the reins, but they slipped down to the ground. There were plenty of people in the streets, but not one dared to stop the horse. I was in a terrible fright. At last Nero seized the reins, pulled them with all his might, and stopped the horse.

20 8. Translate:—

(*a.*) Pendant que l'espèce d'Hercule obéissait, madame de la Grenouillère regarda l'être qu'elle venait de sauver. C'était le véritable type du chat de gouttière, et sa laideur naturelle était augmentée par les accidents d'une course longue et irrégulière. Ses poils ras étaient souillés de boue; on distinguait à peine, à travers des mouchetures variées, sa robe grise zébrée de noir. Il était d'une maigreur presque transparente, si efflanqué qu'on lui comptait les vertèbres, si chétif qu'une souris l'aurait abattu; il n'avait pour lui qu'une seule chose, c'était de la physionomie.

(*b.*) Toutefois les iniquités du maître h'hôtel ne devaient pas rester longtemps impunies. Le jour même, la mère Michel, en rangeant l'armoire de l'antichambre, fut fort étonnée d'y trouver trois cadavres de rats et de souris; elle se demandait comment ils avaient succombé, lorsqu'elle reconnut la fameuse pâtée que le chat avait refusé de manger et qu'on avait laissée là par mégarde. Cette découverte déchira le voile qui couvrait le passé de Lustucru. La mère Michel, devinant que les accusations de Faribole étaient fondées, s'empressa d'avertir madame de la Grenouillère, qui lui recommanda le silence, et fit venir le maître d'hôtel.

French (Fraser and Squair, etc.) (Time, 2 hours.)

Value.

10 1. Give:—

(*a.*) The future of:—

(1.) Les menuisiers font les portes. (2.) Je puis faire cela. (3.) Nous allons à la ville. (4.) Que savez-vous de cette affaire? (5.) Il est venu me voir.

(*b.*) The present subjunctive (preceded by il faut que) of:—

(1.) Je n'en savais rien. (2.) Allez-y tout de suite. (3.) On fait blanchir le linge. (4.) Je suis venu les chercher. (5.) Ils pourront vendre leur maison.

(*c.*) The past definite (preceded by aussitôt que) of:—

(1.) Il est venu nous voir. (2.) Il fait écrire les enfants. (3.) Jean avait de l'ouvrage. (4.) Vous êtes malades. (5.) Le boulanger courait après le voleur.

(*d.*) The imperative of:—

(1.) Tu vas à la campagne. (2.) Vous avez fait bâtir une maison. (3.) Nous avons toujours de l'argent. (4.) Tu sais que nous sommes arrivés. (5.) Vous direz toujours la vérité.

Value.

8 2. Rewrite the following sentence eight times, inserting each time one of the expressions given below:—

J'ai acheté des livres.

(beaucoup; la plupart; bien; encore; ne . . . pas; beaux; rouges; plusieurs.)

12 3. Put the verbs of the sentences below into the past indefinite:—

(1.) Quels livres achètera-t-elle quand elle entrera? (2.) Voilà la maison que je vendrai quand vous partirez. (3.) Nous admirons les belles choses que nous y voyons. (4.) Elle s'achète des gants, mais ceux qu'elle s'achète ne sont pas bons. (5.) Ils s'arrêtèrent et se donnèrent la main. (6.) Je paie la robe qu'elle se fait faire.

10 4. In the following sentences replace the italicized nouns by the correct personal pronouns:—

(1.) Il emprunte souvent *des outils à votre père.* (2.) J'ai prêté *mes patins à Robert* ce matin. (3.) Nous n'avons pas trouvé *de plumes dans cette boîte.* (4.) Est-ce *ton frère?* Non ce sont *mes cousins.* (5.) Je suis allé chez *mon oncle* et je n'ai vu que *ma tante.*

10 5. Render the following into French, paying particular attention to the verbs *will, would, can, could, might:*—

(1.) He *will* not see you now, but he *will* speak to you to-morrow. (2.) Yesterday he *could* not go, but to-day he *would* like to. (3.) He *could* speak if he *would.* (4.) *Can* you write? Yes, but now I am sick and *cannot.* (5.) *Might* I ask you if that is true? I *cannot* (savoir) believe it.

10 6. Translate (with special attention to the verbs):—

(1.) He is going to buy it. (2.) We were about to start. (3.) Go and see him. (4.) I had just seen them. (5.) If he happened to see it.

20 7. Translate:—

(1.) A year ago she was more than seventy years old. (2.) He sees it coming without losing his happiness. (3.) I must go to town to-day and I wish you to come with me. (4.) Although I am invited, it is the only thing I can do. (5.) The baker was going to bed when he heard a violent blow. (6.) If you had gone there, you would have seen something great. (7.) The whole family is to dine at my aunt's next Monday. (8.) You ought to get your hair cut; it is too long. (9.) Perhaps he is right when he says: "Do as I do." (10.) The Canadian people like winter sports.

20 8. Translate:—

(*a.*) Pendant que l'espèce d'Hercule obéissait, madame de la Grenouillère regarda l'être qu'elle venait de sauver. C'était le véritable type du chat de gouttière, et sa laideur naturelle était augmentée par les accidents d'une course longue et irrégulière. Ses poils ras étaient souillés de boue; on distinguait à peine, à travers des mouchetures variées, sa robe grise zébrée de noir. Il était d'une maigreur presque transparente, si efflanqué qu'on lui comptait les vertèbres, si chétif qu'une souris l'aurait abattu; il n'avait pour lui qu'une seule chose, c'était de la physionomie.

(*b.*) Toutefois les iniquités du maître d'hôtel ne devaient pas rester longtemps impunies. Le jour même, la mère Michel, en rangeant l'armoire de l'antichambre, fut fort étonnée d'y trouver trois cadavres de rats et de souris; elle se demandait comment ils avaient succombé, lorsqu'elle reconnut la fameuse pâtée que le chat avait refusé de manger et qu'on avait laissée là par mégarde. Cette découverte déchira le voile qui couvrait le passé de Lustucru. La mère Michel, devinant que les accusations de Faribole étaient fondées, s'empressa d'avertir madame de la Grenouillère, qui lui recommanda le silence, et fit venir le maître d'hôtel.

German. (Time, 2 hours.)

Value.

12 1. Rewrite the following sentences with the verb (*a*) in the imperfect, (*b*) in the perfect:—

(1.) Der Offizier reitet durch den Park. (2.) Der Kaiser besteigt den Thron. (3.) Dieser Mann spricht Französisch. (4.) Gelingt es dir Deutsch zu lernen? (5.) Wenn ein guter König stirbt, so begräbt man ihn.

12 2. Give the German idioms for:—

What time is it?—At half-past twelve.—Do come along.—Three times a week.—I don't remember it.—Is it you?—How are you?—So am I.—It fell on his head.—Two and a half pounds.—It's all the same to me.—I am thirsty.

10 3. Turn the following direct statements and questions into the indirect form:—

(1.) Er fragte: Wohin fährt der Omnibus? (2.) Er sagte: Ich ging früh morgens aus. (3.) Man fragt: Ist er schon in London angekommen? (4.) Der Soldat erwiderte: Niemand gedenkt, die Waffe zu brauchen. (5.) Er wollte wissen: Wird es ihm möglich sein, Arzt zu werden?

14 4. Translate (with special attention to the verbs in italics):—

(1.) *May* I accompany you? (2.) I often wished I *might have* money. (3.) He *couldn't* do it as he was ill. (4.) We thought he *meant to* accompany you. (5.) They really *ought* to work to-day. (6.) I *will* go and nobody *shall* stop me. (7.) He *is to* go home. (8.) We shall have to wait. (9.) I have never *liked* wine. (10.) Do you *know* German? (11.) Thou *shalt* not kill. (12.) What does that *mean*? (13.) I don't *like* this book.

6 5. Insert suitable relative, interrogative, or demonstrative pronouns in blanks:—

(1.) Das Beste, ... ich habe, will ich Ihnen geben. (2.) Kennen Sie die Dame, ... wir begegnet haben? (3.) Dies ist mein Buch, nicht .... meines Bruders. (4.) Diese Dame ist älter als .... (5.) In .... Geschäft waren Sie angestellt? (6.) Ich traf einen Freund, ... ich geholfen hatte.

16 6. Translate:—

(1.) She had not been in England for five years. (2.) I should have left already, if the weather had been nice. (3.) Polite boys do not put their hands in their pockets. (4.) My mother goes to town usually twice a year. (5.) A beautiful bridge leads from the castle to the main street. (6.) There are always enough doctors, but there are never enough good ones. (7.) May I give you anything else? No, thank you, I still have some. (8.) She returned earlier than she expected, for she was back in half an hour.

30 7. Translate:—

(*a*.) Armer Sui-Hong! Träumte er vielleicht, hinter der langen Mauer der Straße, in dem kleinen Blumengarten zu arbeiten, welcher sich vor jedem Hause befindet, und war ihm vielleicht diese Beschäftigung lieber als die, auf die Wachskerzen im Tempel Achtung zu geben? oder gelüstete es ihn, an der reichen Tafel zu sitzen und zwischen jedem Gerichte sich dem Mund an Silberpapier zu wischen? oder war seine Sünde gar so groß, daß, wenn er sie auszusprechen wagte, das himmlische Reich sie mit dem Tode bestrafen mußte? Hatten seine Gedanken es gewagt, mit den Schiffen der Barbaren nach ihrer Heimat, nach dem weit entlegenen England zu fliehen? Nein! so weit flogen seine gedanken nicht.

(*b.*) Ich werde dir eine Geschichte erzählen: Es geschah in der Julirevolution, am Abend des glänzendsten Siegestages, als jedes Haus eine Festung war, jedes Fenster eine Schanze; — das Volk stürmte die Tuilerien. Selbst Frauen und Kinder befanden sich unter den Kämpfenden; sie drangen in die Gemächer und Säle des Schlosses. Ein armer, halberwachsener Knabe in Lumpen kampfte mutig unter den älteren Kriegern; tötlich verwundet von mehreren Bajonettstichen sank er zusammen; das geschah in dem Thronsaale; man legte den Blutenden auf den Thron Frankreichs, wickelte den Samt um seine Wunden; sein Blut strömte auf den königlichen Purper. Das war ein Gemälde! Der prächtige Saal, die kämpfenden Gruppen! Eine zerbrochene Fahne lag auf dem Fußboden, die dreifarbige Flagge wehte über den Bajonetten, und auf dem Throne der arme Knabe mit dem blassen, verklärten Gesicht, die Augen gen Himmel gerichtet, während seine Glieder im Todeskampfe zuckten; seine nackte Brust, seine ärmliche Kleidung, halb bedeckt von dem reichen, mit silbernen Lilien gestickten Samt. An des Knaben Wiege war prophezeit: „„Auf Frankreichs Throne wird er sterben!"" Das Mutterherz träumte von einem zweiten Napoleon.— Meine Strahlen haben den Immortellenkranz auf seinem Grabe geküßt; meine Strahlen haben in dieser Nacht die Stirn der alten Großmutter geküßt, wahrend sie träumend das Bild erblickte, welches du hier zeichnen kannst: „„Der arme Knabe auf dem Throne Frankreichs.""

Third-class Certificate (Non-professional), Full Course.

ARITHMETIC. (Time, 2 hours.)

[N.B.—*All work must be shown.*]

Value.

10 1. Find the number of cubic inches of space in a chest made of wood ¾ of an inch thick, if the outside dimensions are 22 inches, 19 inches, and 11 inches.

6 2. (*a.*) How many pieces of flooring, 14 feet long and 2½ inches wide when laid, are required for the floor of a room 12 feet wide and 14 feet long?

6 (*b.*) The boards are 1 inch thick. Since they were 3 inches wide before being tongued and grooved, they are sold as boards 3 inches wide. Find the cost of the flooring at $35 per M.

12 3. Which gives the lower price for a piano listed at $600, a direct discount of 45% or successive discounts of 25%, 15%, and 5%? How much lower?

14 4. Find the duty on 25,000 cigars, invoiced at $62.50 per M., weighing on an average 10½ ounces per box of 50 cigars. The tariff rate is $3 per pound and 25% *ad valorem.*

14 5. Find the amount and the compound interest on $8,000 for 1 yr. 8 mo. at 4%, payable quarterly.

12 6. A man's balance in the bank at the beginning of a week was $196.50. During the week he deposited $234.60, $490.75, $325.50, $416, $325, and $410.75, and paid by cheque a bill of goods for $1,250 less 3%, another for $98.50 less 2%, and $375 for store rent. Find his balance at the end of the week.

14 7. A man purchased 100 shares of Dominion Iron & Steel Co. stock at 46⅞, and sold them the same day at 49¼. Find his net gain if he paid ⅛% brokerage for both buying and selling.

12 8. By counting mile posts, a man found that the train upon which he was riding went 5 miles in 5 minutes 15 seconds. How many miles per hour was the train moving?

DRAWING. (Time, 2 hours.)

(a.) Colour.

Select the following from your drawing-books, and write your distinguishing number at the top right-hand corner of each. Before beginning your drawing give these to the Examiner.

Value.

8 1. An example of freehand design.

6 2. An example of painting or brush-work from nature.

6 3. An example of object drawing with shading.

(b.) Freehand.

30 With a ruler, draw a rectangle 5 inches by 7 inches. Using the scroll as a copy, work out a design suitable for a book-cover, and print the words "Elementary Science Reader" in connection with the design.

(c.) Model and Object.

30 Make a sketch of a square prism about 6 inches wide. Show how this can be made into a table, with a drawer partly open on the long side of the table.

(d.) Geometrical.

6 1. Draw a circle having a radius of 1⅞ inches, and in it construct a heptagon.

6 2. Construct a rhombus with the short diagonal 2¼ inches long, and the acute angles 30 degrees. (Use compasses.)

8 3. A vertical pole 21 feet high is found to cast a shadow 35 feet long. How many degrees is the sun above the horizon? (Scale, 10 feet = 1 inch.)

Third-year Course, Commercial.

PENMANSHIP. (Time, 1 hour.)

1. Copy once:—

The system of "domestic manufactures" prevailed in England until near the close of the eighteenth century, but after that the "factory system" rapidly developed. As long as water-power was used, the crowding of labourers was not necessary, but steam-power could be used advantageously only by centralizing large numbers of labourers and machines in one spot. The various economies in administration and management made possible by centralization also favoured the rapid substitution of factories for domestic manufactures. At first the new system was employed chiefly in the spinning of cotton and woollen yarn; by the earlier part of the nineteenth century machinery and the factory system were used in many branches of spinning. But machinery was also gradually introduced, even before the close of the eighteenth century, into cotton, woollen, and linen weaving, lace-making, calico-printing, and other manufacturing processes; and gradually, in one locality after another, in one industry at a time, the factory system almost entirely supplanted the former domestic system.

2. (*a.*) Write rapidly six times:—

The locking arrangement on this rosette is positive and will not permit the cap to become loose under any conditions. The liberal metal surface makes a perfect electrical contact. Approved by underwriters, contractors, and users.

(*b.*) Write rapidly ten times:—

1 2 3 4 5 6 7 8 9 0.

3. Write one line of each of the following:—

$, %, &, ?, @.

4. Give three copies of a model set of capital letters.

5. Write as Ledger Account headings:—

Salesmen's Expenses.	Machinery and Tools.
Unpaid Dividends.	Anchor Fence Works.
Caretaker's Wages.	J. & J. Dovell.
H. G. Quigley.	Greenhill Valve Co.
Office Furniture.	Hunter and Henderson Co., Ltd.

6. Write or print the following address as it should appear on the face of a parcel 8 inches by 11 inches:—

Columbia Iron Works, 302 Lorne St., W., Vancouver, B.C.

ENGLISH LITERATURE. (Time, 2 hours.)

(*See* paper set on this subject for the Junior Matriculation Examination.)

ARITHMETIC. (Time, 30 minutes.)

A. Rapid Calculation.

[NOTE.—*The time allowance for Arithmetic, Third-year Course, Commercial, is 2½ hours; after the expiration of 30 minutes, answers to Section A (Rapid Calculation) will be collected, and Section B (General) will then be distributed to candidates. Candidates will complete their work on this sheet and hand it in; no other work is necessary.*]

[*Ten marks for each question.*]

1. Add:—

42186
79489
37625
96745
34978
26469
73784
92627
78996
33224
78486
29594
37677
89495
97689
46776
32748
92462
78489
78494

2. Add:—

62746
38495
27674
84849
39674
98385
67376
38489
76965
89646
72484
36267
74787
89969
32746
48675
72963
67674
28969
37548

3. Add:—

$724.62
95.76
3.75
84.86
295.67
37.48
28.25
69.76
849.26
138.48
78.45
26.60
37.94
295.72
676.46
389.79
9.95
85.00

4. Multiply and add products:—

69 x 82 =
76 x 74 =
36 x 25 =
92 x 75 =
67 x 63 =
25 x 88 =
47 x 52 =
69 x 84 =
37 x 33 =
88 x 82 =
66 x 64 =

5. Multiply:—

734892 x 25 =
225984 x 33⅓ =
319572 x 12½ =
248371 x 50 =
568395 x 66⅔ =

6. Complete the following invoice:—

June 11	12	lb. Coffee	$0.32		
	72	doz. Eggs	.43		
	64	lb. Cheese	.19		
	52	lb. Butter	.47		
	2	doz. Corn	1.32		
	12	bu. Potatoes	.87		
	15	lb. Cocoa	.49		
	42	lb. Raisins	.17		
	12	gal. Molasses	.48		
	28	lb. Chocolate	.29		

7. Fill in the following pay-roll:—

PAY-ROLL.

	Name.	FOR THE WEEK ENDING JUNE 21, 1919.								
		Number of Hours each Day.						Total Number of Hours.	Wages per Hour.	Total Wages.
		M.	T.	W.	T.	F.	S.			
1.	Bruce, J. H.	8	8	7½	8	7½	7		.60	
2.	Howland, Geo. ..	7½	8	8	7	6½	7		.45	
3.	Petrie, Frank ..	8	7½	8	7	6	7		.47½	
4.	Bunsen, Geo. ...	7½	8	8	7	6½	8		.55	
5.	Murray, John ...	8	8	8	7½	8	8		.56	
6.	Hunt, P. T.	7	8	8	7	8	6½		.40	
7.	.....									
8.	.....									
9.	.....									
10.	.....									
	Totals.....								×	

8. A note is made on May 15, 1919, at three months for $360 with interest at 8%. When will this note be due? What will be the amount due at maturity?

9. Find the cost of 10 bbls. sugar: 354, 351, 354, 355, 349, 352, 357, 350, 356, 354 at $8.40 per cwt.

10. What will a draft on London for £32 8s. cost me, if purchased at $4.89?

ARITHMETIC. (Time, 2 hours.)

B. General.

[NOTE.—*The time allowance for Arithmetic, Third-year Course, Commercial, is 2½ hours; after the expiration of 30 minutes, answers to Section A (Rapid Calculation) will be collected, and Section B (General) will then be distributed to candidates.*]

Value.

10 1. Find, true to two places of decimals, the square root of 14537.

10 2. Divide $5,000 into four parts proportional to 8.407, 5.149, 4.132, 2.57.

10 3. Find the weight of a rectangular block of copper 6 in. by 3½ in. by 2½ in., if a cubic foot of copper weighs 555 lb.

11 4. Which will hold the more (gallons), two cylindrical tanks each 10 ft. in diameter and 12 ft. high, or one cylindrical tank 16 ft. in diameter and 12 ft. high?

11 5. A Vancouver merchant buys 1,000 boxes of apples at $1.12 per box, and sells at once at an advance of 30%. He accepts in payment a 90-day note, which he discounts immediately at 8% per annum. Find his profit on this transaction.

12 6. On June 20, 1919, a merchant's stock of goods was destroyed by fire, but his books of record were saved. His stock was fully insured, and he proved his loss from the following facts: Value of goods on hand Jan. 1, 1919, $21,500; purchases from Jan. 1, 1919, to June 20, 1919, $54,300; sales for same period, $63,750. His records showed that all sales were made at an average advance of 25% above cost. Find the value of the stock destroyed by fire.

12 7. You buy a certain business for $4,200 on the following terms: $1,200 cash, the balance to be paid in four annual instalments with interest at 8½% per annum. Give, in the form of a table, a set of payments which will meet this obligation.

12 8. The capital stock of the Kootenay Fruit Company is $100,000. The gross receipts for the year amount to $81,100, and the expenses $67,255. What rate of dividend could this company pay? But the company decides to add $4,905 to the reserve before paying the dividend; what rate of dividend does it then pay? Henry Moore holds 80 shares ($100 each); what dividend does he receive? He purchased his stock "at 88"; what rate of return does he make on his investment?

12 9. Find the purchase value of a 10-year annuity of $350, rate 7% per annum compound. ($1.07^{10} = 1.9671514$.)

ACCOUNTANCY THEORY. (Time, 2 hours.)

Value.

8 1. The following is the Office Furniture and Fittings Account in a firm's Ledger:—

Dr. *Cr.*

1918.		
Jan. 1.	To Inventory	$600.00
„ 30.	„ Cash	17.85
Feb. 31.	„ „	63.00
June 20.	„ „	81.15
Nov. 17.	„ „	100.00

At the close of the year it is decided to reduce last year's valuation by 5%, and to value new fittings purchased during the last 12 months at $225.

Show this account properly closed.

What other accounts will be affected? How?

8 2. A British Columbia cannery has as a customer, a London (England) firm, which pays its account regularly by sterling drafts.

In what currency will the British Columbia firm keep its account with the British firm?

In what currency will the invoices probably be made? Why?

How will the British Columbia company deal, in its ledger, with the fluctuations of exchange?

Value.

8 3. The Kirby Foundry Co. sold $4,500 worth of machinery to the Murray Construction Co. on Dec. 27, 1918, on the following terms: Cash, $2,000; note for $1,500, without interest, payable in 4 months; note for $1,000, without interest, payable in 6 months.

Journalize.

At what value should these notes be listed among the assets of the Kirby Foundry Co. on Dec. 31, 1918?

How will the Bills Receivable Account be affected?

How will other accounts be affected?

8 4. Explain clearly what you mean by the *turnover* of a trading business. How is it ascertained? How do you find *percentage gain on turnover?* Give figures to illustrate your answer.

15 5. The following is the information given at the present date by the Single Entry Ledger, Bank Book, and Stock Sheets of the firm of Kelman & Simpson: Cash on hand, $2,345; Stock, per inventory, $4,005; Notes due to firm, $350; Accounts due to firm, $910; Notes due by firm, $1,140; Accounts due by firm, $360; Kelman's investment, $2,500; Kelman's withdrawals, $560; Simpson's investment, $2,500; Simpson's withdrawals, $380.

(*a.*) Determine the success of the business for the period during which it was operated.

(*b.*) Show the present standing of each partner (according to agreement they share losses and gains equally).

(*c.*) Open a double-entry ledger, ready for further business.

10 6. On June 1 you accept a position as book-keeper with Brown Bros., General Merchants. The Invoice Book and the Sales Book are complete to date, but have not been posted to the Ledger for the month of May. Show a page of an Invoice Book and a page of a Sales Book with at least four entries on each. Tell how you would proceed to post the records from these books.

8 7. What books would you expect to find in use in the business of a wholesale grocer? Explain briefly the use of each.

5 8. If we wish to classify our items of expense, name ten accounts we may employ instead of a general expense account.

8 9. In the course of buying and selling you make and receive certain allowances for Bought and Sold Returns. How would you deal with these in your Ledger?

10 10. The Profit and Loss Account of a Joint-stock Company, with a capital of $250,000, shows a Net Profit for the year 1918 of $25,427.50. It is decided: (1) To pay a dividend of 8%; (2) to transfer $2,000 to Maintenance Account; (3) to transfer $3,000 to Reserve Account; (4) to carry the remaining $427.50 forward to the Profit and Loss Account for 1919.

Show the Profit and Loss Account for 1918 properly closed.

How will the Balance Sheet be affected by these transfers?

6 11. What vouchers should you have ready for the auditor for:—

(*a.*) Office salaries?

(*b.*) Customs duties paid?

(*c.*) Dividends?

(*d.*) Loans made on mortgages?

6 12. Define: Fixed charges, contingent liability, quick assets, executorship accounts, credit man.

ACCOUNTANCY PRACTICE. (Time, 2 hours.)

[NOTE TO THE PRESIDING EXAMINER.—*Please furnish candidates with journal and ledger paper.*]

Value.

12 1. P. Y. Bolton buys from Henry Jamieson 40 tons of potatoes at $22 per ton, paying for them promptly by cheque and receiving thereby a discount of 2½%. He pays the C.P.R. $88 freight, and the Mainland Transfer Co. $50 cartage. A few days later he sells the 40 tons to Cameron & Sons at $32.50 per ton, taking in payment their note, which he immediately discounts at the bank. (Discount, $17.10.)

Show Bolton's Ledger record of these transactions. (Use Journal or not, as you wish.)

15 2. On April 30, 1919, Alfred Taylor's Balance Sheet shows the following:—

Assets.		*Liabilities.*	
Cash	$ 1,750	Accounts Payable	$ 1,800
Merchandise (Inv.)	5,760	Capital	8,550
Bills Receivable	480		
Accounts Receivable	2,360		
	$10,350		$10,350

And on the same date J. H. Wilson's Balance Sheet shows:—

Assets.		*Liabilities.*	
Cash	$ 3,500	Mortgage Payable	$3,000
Merchandise (Inv.)	6,000	Bills Payable	300
Real Estate	8,000	Accounts Payable	1,234
Bills Receivable	560	Capital	16,526
Accounts Receivable	3,000		
	$21,060		$21,060

Taylor and Wilson now form a partnership on the basis of their Balance Sheets, with the following changes to which they agree:—

Taylor's Merchandise Inventory is to be revalued on a more conservative basis at $4,808.

Wilson's Real Estate is to be revalued at $7,200.

Wilson is to invest only $2,500 Cash instead of the $3,500 shown in his Balance Sheet.

Show a Combined Balance Sheet, with the standing of each partner.

Or

Show their Ledger opened, with investments posted.

25 3. Crawford & Lampman close business under the following conditions: They have: Cash, $1,424; Mdse., $2,562; Fixtures, $383; Bills Receivable, $826; Accounts Receivable, $3,485. They owe on Bills Payable, $2,450; and on Open Accounts, $1,240. Crawford invested $6,000, a debt of his for $1,000 was assumed by the firm and paid during the business, and he drew out $685. Lampman invested $4,000, and drew out $1,860. According to agreement Crawford is to be allowed $420 interest on capital invested, and Lampman $280 interest, and they are then to share, Crawford ⅗ and Lampman ⅖, in the Gains or Losses.

Show this firm's Balance Sheet; estimate the success of the business; divide the Gain or Loss according to agreement, and show the partners' respective accounts as they will appear when the books are closed.

Value.
48 4. From the following Trial Balance, and extra information and instructions, prepare: (*a*) Working Account; (*b*) Profit and Loss Statement for the year; (*c*) Balance Sheet, Dec. 31, 1918.

CANADIAN LOCK & HINGE CO.

Trial Balance, Dec. 31, 1918.

Capital		$10,000
Cash and Bank	$ 7,155	
Bank Charges and Int.	150	
Bills Receivable	5,570	
Accounts Receivable	9,250	
Bad Debts	200	
Bills Payable		2,300
Accounts Payable		2,600
Inventory, Jan. 1, 1918	9,560	
Plant, Machinery, and Tools	4,250	
Purchases	10,540	
Plating (Silver and Nickel)	4,500	
Sundry Expenses (Manufg.)	4,890	
Wages	17,540	
Salaries	6,005	
Travelling Expenses	1,430	
Packing, etc.	350	
Sales and Charges on Finished Goods		65,670
„ „ „ Repairs		4,325
„ „ „ Packing, etc.		400
Discounts on Sales	700	
Incidental Expenses (Office)	500	
Rents, Rates, and Taxes	1,850	
Rents from Subletting		190
Insurance	90	
Advertising	650	
Commissions	245	
	$85,485	$85,485

Inventory, Dec. 31, 1918, $16,350.
Write off 8% from Plant, Machinery, and Tools.
Wages due but not yet paid, $140.
Salaries due but not yet paid, $300.
Rent, prepaid, $150.
$200 Bills Receivable, non-collectable.

SHORTHAND DICTATION.

[NOTE TO PRESIDING EXAMINER.—*Please provide candidates with plain white letter paper and No. 7 envelopes.*]

[NOTE.—*The Examiner will read each section twice; first, rapidly, and secondly, at the rate of one hundred and thirty words per minute. Candidates will write at the second reading only. When all the dictation has been given, the candidates will make a* typewritten *transcription of their notes and enclose each letter in a separate envelope, on which must be placed the proper address as if for mailing. The time required by each candidate for making the transcription will be noted by the Presiding Examiner. Both shorthand and typewritten transcription are to be handed in.*]

Value.

14 1. Vancouver, B.C., June 10, 1919. Jas. Foster, Esq., Central Park, B.C. Dear Sir: As your subscription to *The Weekly Examiner* expires on July 3rd, you have only three more issues (32) coming to you.

For your convenience, and in order that you may not miss any copies, we have taken the liberty of filling in your name on the enclosed renewal order card.

Simply (65) signify whether you wish your subscription extended for one or three years, and mail the postal. *The Weekly Examiner* will then continue to reach you without interruption. Bill will be rendered in (97) due course. Thank you! (101).

17 2. Toronto, Ont., May 3, 1919. Messrs. W. B. Bower & Co., Insurance Brokers, Victoria, B.C. Gentlemen: *Re* Claim No. 321. I wish to congratulate you on the careful preparation of (32) the several documents, received yesterday, in connection with this claim. It is very unusual that these are all in proper order, especially when it is the first loss adjusted by agents.

We enclose (65) a cheque, payable jointly to the assured and the mortgagee, for $300, in full settlement, with voucher attached for signature of the assured.

Be sure to draw the attention of (97) both parties to the fact that the payment of any claim for loss sustained reduces the face value of the policy by the amount of such payment. Yours very truly (127).

24 3. Vancouver, B.C., June 23, 1919. Howard Smith Paper Mills, Ltd., 138 McGill St., Montreal. Dear Sirs: As you are aware, we are very large users of "Bell-Fast," and we (32) find it a most excellent sheet for almost any requirement.

Its strength, combined with its first-class finish and appearance, and crisp crackly feeling, makes it most acceptable to users of the better (65) class of Letter Heads, etc., who take any pride in their Stationery. We have also found it gives every satisfaction for commercial forms of all kinds, Pay Cheques and general office requirements (97).

From the point of "Value," we consider "Bell-Fast" in a class by itself, as it is quite up to the standard of many other grades of much higher price.

We congratulate you (130) on the splendid results obtained in your Mill, and sincerely trust that the demand for your papers will steadily increase until "Makers in Canada of High-Grade Papers" will be a by-word (162) amongst users of Stationery as well as the printing fraternity. Yours very truly, The Federated Press, Limited, ———, Manager (180).

17 4. Vancouver, B.C., December 23, 1919. John H. Green, 1179 Main St., City. Dear Sir: During the month of January we hold our ANNUAL REDUCTION SALE of Winter Overcoats, Men's Furnishing (32) Goods, Hats, and Shoes.

We shall make radical reductions from regular prices that will show you a saving in many cases of 25 to 50 per cent. Thursday, December 26, Friday, December 27, (65) are set aside for you to make your selections before the sale is advertised in the newspapers, Saturday, December 28.

Our charge customers can take full advantage of this important January sale (97) and have purchases charged to their account, the bill of which will not be rendered until February 1. Yours very truly, The Continental Clothing House, ———, Manager. P.S.—Please present this letter (129).

Value.

28 5. Toronto, Ont., April 16, 1919. The Foster Manufacturing Co., Ltd., Vancouver, B.C. Gentlemen: We are enclosing samples of "Heco 30" sanitary paper towels. These towels are not only the heaviest, but (32) also the strongest and most absorbent towels now on the market. Unlike other paper towels, they are to be used like cloth towels and not as blotters.

The "Heco 30" is made from (65) the strongest fibres known. One towel will absolutely dry either hands or face without irritation to the skin, and the towel will not fall into pieces. It is being used by practically (97) all the large consumers in Toronto, as well as in the public schools.

The "Heco 30" is packed 150 to the roll, 50 rolls to the case, and sells at $12 (130) a case, f.o.b. Toronto. If, however, your requirements are such as to permit your ordering five cases or more, we shall be pleased to quote you a special price. We (162) are confident that if you will give the enclosed sample a thorough test, it will substantiate all that we claim for it.

Will you kindly favour us with an order for a trial (195) case? Respectfully yours (198).

ECONOMICS AND CIVICS. (Time, 2 hours.)

Value.

11 1. Give a brief outline of the system of government in Canada.
What is the British North America Act?
How does it affect the control of our *customs, banks, education, weights and measures?*

11 2. What effects, in your opinion, will British Columbia's geographical position, climate, and natural resources have on its future industrial and financial development?

11 3. Explain:—

(*a.*) Why the North American colonists settled along the sea-coast or along the rivers.

(*b.*) Why Fort William and Port Arthur need such large grain-elevators as they have.

(*c.*) Why Edmonton is the centre of a large fur trade.

(*d.*) Why Pennsylvania has become a leading steel-producing state.

(*e.*) Why towns and cities in the Niagara peninsula have very important manufacturing centres.

(*f.*) Why Chicago and Buffalo have grown so rapidly.

(*g.*) Why the pulp and paper industry is prosperous in Northern Quebec.

10 4. A steamship of the Blue Funnel Line sails from Liverpool to Vancouver via the Suez Canal and returns by the same route. Describe the nature of the cargo it brings to British Columbia and of the cargo it takes away.

10 5. What is the meaning of the term "division of labour"?
What are the advantages of division of labour?
What objections can you raise to the system of division of labour?

10 6. "Fundamentally, there are but two ways of paying men for their day's work: paying them according to the hours they give you—the day-wage system; or paying them for each unit of their production—the piecework system." Discuss the merits and demerits of these two systems.

10 7. "It is not the amount of the wage paid to labour which determines the fairness of the wage; it is the proportion which that wage holds to the profits of the other factors of production." What are these other factors? To what extent do they enter into the problem of production? What should their place be in the distribution of profits?

Value.

10 8. Write brief notes on: *Unrestricted Competition*, *Granted Monopoly*, and *Public Ownership*, giving the *meanings* of these terms and the *advantages* and *disadvantages* of the three systems. (Give your notes in tabular form, if you so wish.)

8 9. What is the real nature of the *balance of trade?*
What are the principal influences which affect the rate of exchange between two countries?

9 10. Show that you know the meaning of the following terms: Insurance, inheritance tax, closed shop, trade-mark, public utility bonds, cheap money, credit, a luxury, arbitration.

STATUTE LAW. (Time, 2 hours.)

Value.

11 1. Write a promissory note, negotiable by endorsement.
How may a non-negotiable note be transferred? What is the title of the new holder?
How does the Statute of Limitations apply to promissory notes?
How does an acceptance differ from a promissory note?

8 2. What is an *endorsement in blank?* What effect has it?
What is a *special endorsement?* What is the effect of a special endorsement?
What is a *restrictive endorsement?* Give illustrations.

8 3. What is meant by an *accommodation party to a bill?* To what extent is he liable?
Under what conditions has a person who negotiates a bill a *defective title?*

8 4. How does the Bills of Exchange Act define a *holder in due course?*
What restriction does this Act place upon the negotiation of overdue bills?

9 5. Show that you understand clearly the process of *protest for non-payment of a promissory note.*

12 6. Explain briefly how a company must be organized to do business in British Columbia. What information must be given to the Government? Must all the stock of a company be fully paid for before the Government will authorize the company to do business?

8 7. What records must be kept by a company organized under the British Columbia "Companies Act"?

9 8. Explain clearly what is meant by: Company limited by shares, company limited by guarantee, private company, extra-provincial company, registered office of company, liquidator.

9 9. How are the profits of a Joint Stock Company distributed? Explain fully and give figures to illustrate.

8 10. State clearly the difference between: Debenture-holders (Bond-holders), Holders of preference shares, Holders of common shares.

10 11. Give the advantages of Joint Stock Company incorporation.

LAWS OF BUSINESS. (Time, 2 hours.)

Value.

9 1. What is a contract?
What do you understand by "Persons competent to contract"?
What persons are, generally speaking, incompetent to contract? Have they any rights in contracting?

10 2. What is Common Law? Statute Law? From which of these sources do we get most of our Commercial Law?
Give four illustrations to show that in business practice and book-keeping a knowledge of Commercial Law is necessary.

9 3. In the Victory Loan issue of bonds by the Dominion Government what is the difference between *coupon bearer bonds*, *coupon registered bonds*, and *fully registered bonds?*

12 4. Write a cheque.
Why are cheques so commonly used?
Give the names of eight Canadian banks.
What does the business of a bank include?
What is meant by an *overdraft?*
Are note-holders better protected than depositors? Why?

6 5. You give R. Craig your receipt for "Fifty dollars *in full of Account*," but afterwards discover that he still owes you twenty dollars. Craig refuses to pay, stating that he holds your receipt for the payment of his account in full. What is your position in the matter?

6 6. Name the various ways of sending money from Vancouver to Toronto.

9 7. What is the difference between a Chattel Mortgage and a Bill of Sale? What special precautions are taken in the case of each to make sure that the agreement is executed in good faith?

8 8. H. Benson has authority under Power of Attorney to sign for J. Adams. Discuss the following signatures supposed to have been made by H. Benson acting under his authority:—
(*a.*) H. Benson, Agent.
(*b.*) H. Benson, Agent for J. Adams.
(*c.*) H. Benson, signed for and on behalf of J. Adams.
(*d.*) J. Adams, per H. Benson.

12 9. From the letter-head of The ——— Financial Corporation I find that the business of this Company is described by the terms: Trust, guarantee, loan, investment, banking, brokerage, safety deposit, administration of estates, real estate. Describe the nature of each of these departments of this Company's business.

10 10. What are the different classes of encumbrances on real property?
How may the encumbrances on any particular piece of property be ascertained?

9 11. Give the order of priority of claims against the assets of an insolvent debtor.

Typewriting.

[Note to Presiding Examiner.—*Please provide each candidate with plain white letter paper and one sheet of carbon paper.*]

[Note.—*Candidates are allowed 5 minutes to read over this paper. Time allowed for Section A, 9 minutes. Section B is to be written in full and the time taken by each candidate to be recorded by the Presiding Examiner. Write each part of Section B on a separate sheet of paper, and hand in carbon copies with originals. A carbon copy of Section A is not required.*]

Value.
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Section A.

Trade Extension.

During the past year the fluctuating demand caused by the emergency nature of all business was reflected in the lumber industry of the Province.

The Prairie business was, as usual, very uncertain. The year commenced with good demand, and a good volume of business was done until about August, when the prospects of a light crop in many sections caused a curtailment.

The Eastern Canada market held strong throughout the year. It is estimated that over 150,000,000 feet of lumber, lath, and dimension was shipped during 1918. This is a record, and when compared with the 40,000,000 to 50,000,000 feet volume of pre-war business is very satisfactory.

The Department's Trade Commissioner visited the principal centres in Eastern Canada again during July and August. His report on this market may be summed up as follows: British Columbia, during the past two or three years, has obtained a footing which requires only sustained effort to secure for British Columbia timber a market for at least 250,000,000 feet a year. Our business can increase in all grades and all lines from box-shooks to clear timbers and finish. British Columbia lumber is in this market to stay, if the needs of the market are studied and our mills supply the material desired.

During the past three years some preliminary work has been done in investigation and development of overseas markets. While good railway systems provide adequate transportation facilities to the East, expansion to the West in the direction of Pacific markets of China, Australia, South Africa, and South America is strangled through lack of ships. Consensus of opinion is emphatic that round the Pacific is the real and ultimate overseas market for British Columbia timber.

Communication and World Markets.

Buyers and sellers need not be physically present at one place, but they must be in communication, so that there can be a common understanding between them. In earlier times, however, there were no easy means of gathering information, such as trade bulletins, newspapers, special commercial agencies, and no rapid means of transmitting intelligence, such as the steamship, the railroad, the postal service, the land telegraph, the ocean cable, and the wireless telegraph. The traders once had to be together at one place in order that each should know what the others were willing to do. All this is now changed, and for many purposes men in Paris, in London, in New York, and in Calcutta are separated by only a few moments for trading.

As a result of these changes, the old periodical fairs and markets have almost disappeared, and there has been a widening of the village-market to the markets of the province, of the nation, and finally of the world. While a part of every one's purchases continues to be

made in the neighbourhood, a greater and greater portion of the total business is done by traders that are widely separated and that are members of a world-market. Various products produced in the same locality may seek different markets. While the market for fruit and eggs may be in the village near the farm-house, that for most of the wheat of the same farm may be in Liverpool.

Value.
50

Section B.

Kamloops, B.C., March 20, 1919. Smith, Davidson & Wright, Vancouver, B.C. Gentlemen: Please send us the following: 100 lb., 28 x 34, 64-pound, White Wove Blank Book; 4 cases, 17 x 22, 24-pound, 500 sheets to the ream, Imperial Irish Linen; ½ ton, 25 x 38, 60-pound, Light Natural Super; 9 reams, 17 x 22, 24-pound, White Laid Mimeograph, sealed in packages of 1,000 sheets each; 100 reams, 19 x 24, 24-pound, Brookside Writing, unsealed, markers between the reams. Kindly make the shipment by C.P.R. freight. We will send you our cheque within 60 days. Yours truly.

Vancouver, B.C., June 23, 1919. B. J. Tompkins, Esq., Gibson's Landing, B.C. Dear Sir: The lines:—

"And when the logger speaks his mind
It is not empty boast—
The Allied nations soon shall find
The thing they need the most,"

about which you inquire, are from a poem, entitled "Sitka Spruce," written in the summer of 1918 by D. E. Hatt, M.A., Secretary of the Young Men's Christian Association at the Moresby Island Administration Camp of the Imperial Munitions Board, Department of Aeronautical Supplies, Thurston Harbour, Queen Charlotte Islands.

The whole poem is:—

SITKA SPRUCE.

Sitka Spruce is fine of grain,
And Sitka Spruce is tough,
To carry weight and stand the strain
There grows no better stuff;
It thrives upon Queen Charlotte Isles
And lifts its head on high,
When summer's sun upon it smiles
Or winter rages by.

Sitka Spruce is straight and clear,
And Sitka Spruce is light,
That aviator knows no fear
It girds into the fight;
For borne on wings that tire not,
He hurtles on the foe
Until he finds a vital spot
And sends him down below.

Sitka Spruce the Allies need,
And Sitka Spruce must get;
The loggers answer: "With all speed
This need shall now be met."
And when the logger speaks his mind
It is not empty boast—
The Allied nations soon shall find
The thing they need the most.

Yours very truly.

Soda Kettle.

This Kettle is used for cleaning or removing grease and dirt from small tools and parts of machines. A coil of steam-pipe is employed to heat the water, in which a quantity of soda has been placed, and the pieces immersed in the solution when taken out dry without rusting.

The kettles are usually made with round tops and stand in the centre of the room among the machines, but they are also made of a form suitable to place against a wall or in a corner.

Outside diameter of top plate, 38″; diameter of kettle, 29″; diameter of inside coil of pipe, 24″; height from floor to top of flange, 37″; depth of kettle, 22″; diameter of wire basket or cage for receiving the work, 11″; depth of basket, 16″. Capacity of kettle, about 60 gallons.

A perforated bucket or shaker, 6¼″ diameter, 13″ long, is conveniently used in washing small pieces.

Weights.—Net, about 630 lb.; ready for shipment, about 800 lb. Dimensions for shipment, 40″ x 40″ x 40″. Space occupied, about 36 cubic feet.

Equipment.—Interior coil of pipe, wire basket, perforated bucket or shaker, and the pipe with valves, etc., as shown in cut.

Price, f.o.b. Providence, $90.00.

Business Correspondence. (Time, 2 hours.)

[Note to Presiding Examiner.—*Please provide candidates with plain white letter paper.*]

Value.

12 1. Define the following terms and abbreviations: Invoice, f.o.b., pro tem, e.g., viz., ult., vice versa, consignee, bona-fide, pro rata, fac-simile, affidavit.

15 2. Prepare a letter of application in answer to *one* of the following:—

(*a.*) Young man about eighteen for manufacturer's agent's office. Must be capable stenographer and have qualifications necessary to fit him for position of trust and responsibility. Fifteen dollars weekly to start. Send all particulars, strictly confidential. Box 2312, *Citizen.*

(*b.*) Stenographer wanted. Young woman of neat and attractive appearance. Must have initiative and ability, and be capable of handling correspondence with or without dictation, and ready to assist generally in the office. In replying, state age, experience, with whom obtained; also wages expected and if at present employed. Box 1845, *Telegram.*

(*c.*) Wanted, Stenographer. Must be first-class and capable of taking charge of correspondence and assisting with book-keeping. Must be energetic. State age, experience, and references. Salary twenty dollars a week. Address Piano House, Box 2035, *Free Press.*

15 3. William S. Bain, of Nelson, B.C., is a customer of yours whose business with you is considerable. He is sometimes slow in remitting and is just now unusually delinquent. We have sent him, during the last three months, several statements of his account with a request to remit, but he has paid no attention to them.

Write him a request for payment, pressing him as closely as you think you can without giving offence. The two points that have about equal weight with you, as you write, are, that you have immediate need for the money, and that you do not wish to lose his trade.

15 4. Prince Rupert, B.C., Sept. 1, 1918. Messrs. Packard & Field, Victoria, B.C. Gentlemen: On July 10 last I gave an order to your Mr. Franklin, one item of which was "Five Doz. Pairs Men's Russia Calf Bals., Last No. 26, at $5.15," to be shipped August 1. I have not received these goods and the season for tan shoes

Value.

is so far advanced that I am now unable to sell them. Accordingly, I feel obliged to cancel my order of July 10, in so far as it relates to tan shoes. Yours truly, E. B. Fairchild.

Reply to this letter.

15 5. The firm of More & Wilson, Vancouver, B.C., advertised last week 1,000 yards of Persian Lawn at 15c. The entire lot has been sold, and many mail orders are coming in and can not be filled.

Prepare a letter that will serve as a reply to all of these orders. Return the remittances and explain that the limited supply of Persian Lawn was exhausted several days ago. This letter should seek to allay the disappointment of the customer; it should be courteous, and the writer should express regret at his inability to fill the order.

28 6. You are one of a number of citizens desiring certain improvements on your residential street. Draw up a letter to the proper municipal authority, outlining the circumstances and requesting attention to the matter.

Or

Report on the visit of a Committee to a place for certain investigations as to its suitability for a Company's business, and their conclusions. Select a definite case and discuss the various considerations that enter into the problem.

Or

Write an essay on "The Effect of the Typewriter on Business Correspondence."

Third-year Course, Technical.

ELECTRICITY, CHEMISTRY, AND MECHANICS. (Time, 3 hours.)

[NOTE.—Nine *questions to be answered—at least* two *questions in each section.*]

(a.) Electricity.

1. Explain by using diagrams the differences between shunt, series, and compound generators.
2. Upon what factors does the E.M.F. of a generator depend? Answer as fully as possible.
3. Write as fully as you can on the construction and operation of a constant potential transformer.
4. What are some of the important properties of iron from an electrical manufacturer's standpoint? How can different samples be tested?
5. What do we mean by an alternating current of, say, 5 amperes? Write as fully as you can.

(b.) Chemistry.

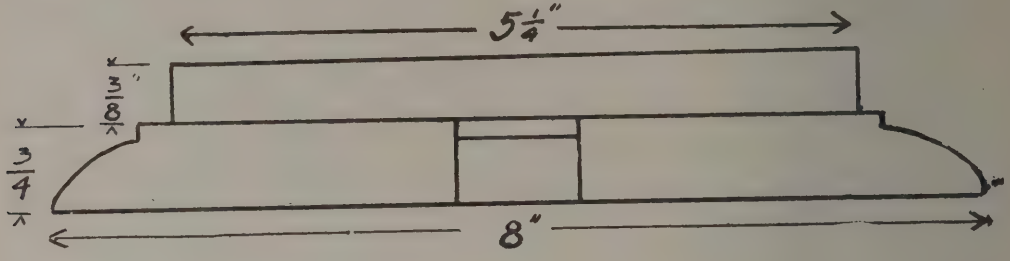
1. Write as full a note as you can on:—
   (*a.*) Dry analysis.
   (*b.*) Wet analysis.
2. What is a spectroscope, and what use can be made of it by a chemist?
3. If you were given a liquid, what is one way you could tell if it were composed of two or more?
4. What is meant by specific gravity, and how could you determine the specific gravity of a liquid?
5. What is meant by diffusion, and where does it apply to a gasolene-engine?

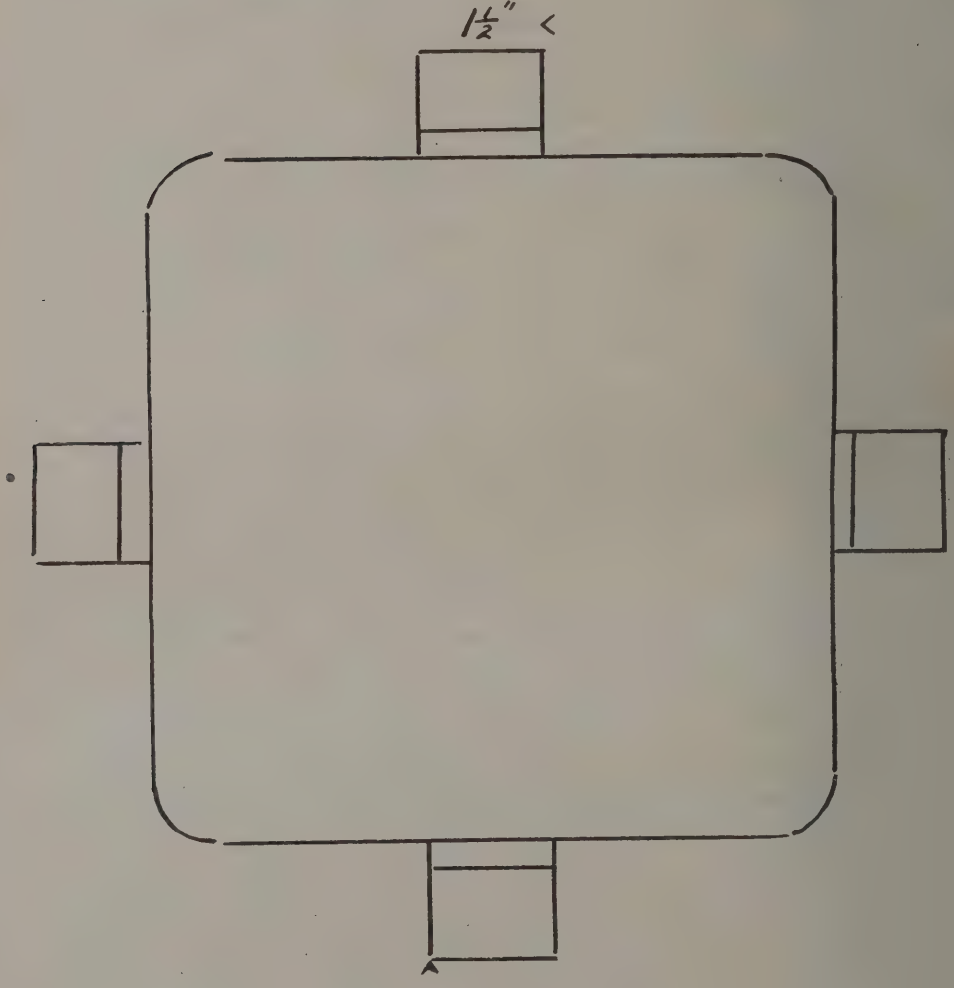
(c.) Mechanics.

1. What is the fundamental law of energy? Where does the energy come from in the case of a moving Ford car? What becomes of it?
2. What is meant by:—
   (*a.*) Nominal;
   (*b.*) Indicated;
   (*c.*) Brake horse-power?
3. Explain how a prony brake could be used to test the horse-power of a motor, and also show how the efficiency at any load could be determined.
4. Write as fully as you can on the use of an indicator diagram; also explain how the indicator is operated.
5. If there were a reservoir from which a 3-inch pipe led to a point 100 feet below its surface, how much horse-power could be developed by the use of a Pelton water-wheel? Any data that has not been given may be assumed.

PRACTICAL WOODWORK. (Time, 2 hours.)

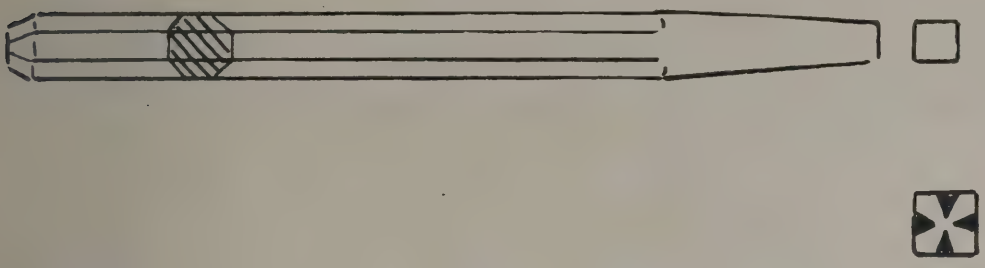
Project: Teapot-stand. Sketch of plan and elevation, showing measurements. Half-lap the cross-pieces.





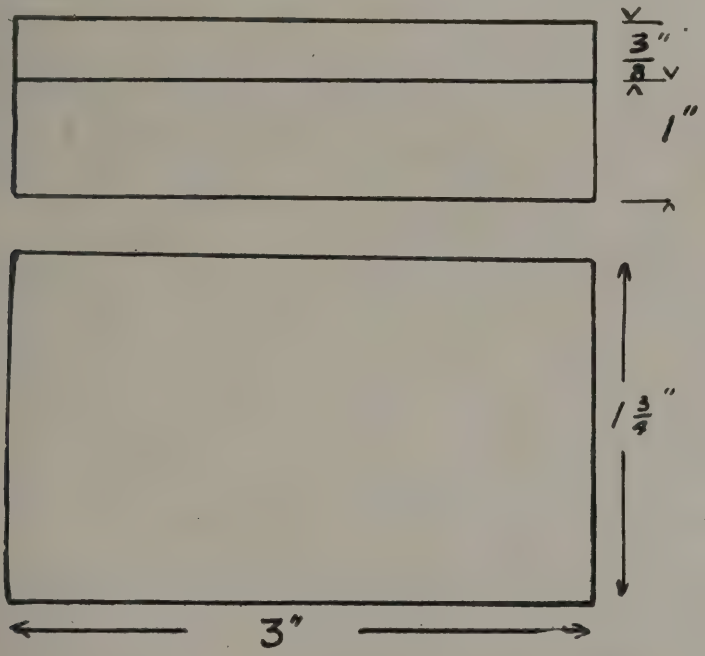
SHEET-METAL WORK (PROJECT I.) AND PRACTICAL FORGING (PROJECT II.). (Time, 2 hours.)

Project: Pattern-punch—forge, file, harden, and temper to a dark brown.



SHEET-METAL WORK (PROJECT I.) AND PRACTICAL FORGING (PROJECT II.). (Time, 2 hours.)

Project: Develop a working drawing and make an oblong box and lid to fit. Plan and elevation showing measurements.



ENGLISH COMPOSITION.

(*See* paper set on this subject for the Junior Matriculation Examination.)

HISTORY.

(*See* paper set on this subject for the Junior Matriculation Examination.)

ENGLISH LITERATURE.

(*See* paper set on this subject for the Junior Matriculation Examination.)

DRAUGHTING. (Time, 2 hours.)

A. Draw a bolt blank 12 inches by 1 inch, and make a right-hand thread at one end and a bolt-head at the other.
Use your own conventions to represent the screw-thread.
On the screw-end draw a hexagonal nut of a suitable size, having a chamfered end.
Mark the size of the bolt on the drawing.

B. The standard triangular thread of screws in use amongst British engineers is the Whitworth V-thread. What is the standard thread in the United States of America?
Make freehand sketches of some of the threads with which you are acquainted.

METALWORK. (Time, 2 hours.)

[NOTE.—Six *questions only to be answered.*]

1. Belt driving through two countershafts is adapted to obtain the periphery-speed of an 8½-inch diameter emery-wheel running at 5,490 feet per minute. The main driving-shaft runs at 120 revolutions and the pulley thereon is 2 feet in diameter. Sketch the arrangement you would suggest and calculate the required diameters of the several pulleys used.

2. Where could you use brazing instead of soldering? Give two examples, stating your reasons.

3. Illustrate the following methods of procedure usually adopted in lathe-work:—
   (*a.*) Centring the work.
   (*b.*) Driving between centres.

4. Show by description and sketch that you understand the functions of a lathe "fast head-stock."

5. Sketch a train of gears for a lathe with a lead screw of four threads per inch to cut nine threads per inch on work between centres.

6. The point of a lathe centre is broken. Describe what you would do to put it in proper condition.

7. How would you soften a piece of hard tool-steel and a piece of hard brass?

8. Of what is soft solder made? Which melts the quicker, soft solder or sheet tin?

9. Why is copper used in a soldering-iron? How would you prepare it to do good soldering?

10. Describe the method of planing a rectangular block of cast iron in a shaping-machine.

PRACTICAL MATHEMATICS.

First Paper: Algebra, Mensuration, etc. (Time, 2 hours.)

[NOTE.—Eight *questions to be answered.*]

1. (*a.*) Set down the 3 even numbers next above 4a.
   (*b.*) The difference between two angles is 14°. Find the angles if they are complementary.

2. The output of Canadian pig-iron for 1908 was 563,672 tons, a decrease of 3 per cent. from the preceding year. What was the output in 1907?

3. The specific gravity S of a floating body is given by the expression:—

$$S = \frac{w_1}{w_1 + (w_2 - w_3)}$$

Where w_1 is the weight of the body in air;
w_2 is the weight of a sinker in water;
and w_3 is the weight in water of the body with sinker attached.
By means of this formula find the specific gravity of a body when by physical measurement it is found that:—
$w_1 = 16.50$.
$w_2 = 182.2$.
$w_3 = 176.5$.

4. How many square yards of canvas will be necessary to form a conical tent whose perpendicular height is 8 feet and diameter on the ground 12 feet? ($\pi = \frac{22}{7}$.)

5. A cylindrical oil-tank 2 feet in diameter is filled to a depth of 4 feet. How many gallons of oil does it contain? (6¼ gallons = 1 cubic foot.)

6. Exhibit the following statistics graphically. An annuity of $100 to begin at the age of 60 can be purchased from the Canadian Government as shown in the subjoined table:—

Age when Payment is made by Annuitant.	Monthly Premium required.
20 years	$0 60
25 „	0 80
30 „	1 10
35 „	1 60
40 „	2 30
45 „	3 50

Estimate from your graph the monthly premium at the ages of 38 and 43.

7. (*a.*) Find the value of $16^{\frac{3}{4}} + \left(\frac{81}{16}\right)^{\frac{3}{4}} - \frac{1}{25^{-2}}$

   (*b.*) Rationalize and find the numerical value of $\frac{2}{1+\sqrt{3}}$

8. Solve the equations:—

(1.) $x^2 - ax = 0$.
(2.) $(x-1)(x-2) = 20$.
(3.) $5(x^2+5) = 6x^2$.
(4.) $ax^2 + bx + c = 0$.
(5.) $ax^2 + 2b = bx$.
(6.) $\frac{3x-2}{2x-3} = \frac{5x}{x+4} - 2$.
(7.) $x^2 + xy = 15$.
$y^2 + xy = 10$.
(8.) Solve graphically: $2x + y = 1$.
$y^2 + 4x = 17$.

9. A man arranged to pay a debt of $3,600 in 40 monthly payments which form an Arithmetical Progression. After paying 30 of them he still owes ⅓ of his debt. What was his first payment?

10. (*a.*) Find by logarithms the value of:—

$$\sqrt[3]{\left(\frac{294 \times 125}{42 \times 32}\right)^2}$$

having given log 2 = .30103; log 3 = .47712; log 7 = .84510; log 907.62 = 2.9580

(*b.*) Find the value of:—

$$32^{\frac{3}{5}},\ 25^{1.5},\ 36^{-\frac{3}{2}},\ \log_3 81,\ \log_{81}\tfrac{1}{27}.$$

Second Paper: Geometry and Trigonometry. (Time, 2 hours.)

[NOTE.—Eight *questions to be answered.*]

1. Draw a triangle whose sides are 3", 2", 1.6". Draw a triangle equiangular to it whose smallest side is 2.5". Measure the largest side of this second triangle; find by calculation how long the largest side should be. What is the ratio of the areas of the two triangles?

2. Draw two lines of lengths 2.2" and 3.5". Find by drawing and by calculation a third proportional to these lines.

3. Draw a quadrilateral ABCD from the following data: The $\triangle$ A = 90°; AB = BC = 8 cm.; AD = DC = 6 cm.
Draw a similar quadrilateral to contain an area of 36 sq. cm., and find to the nearest millimetre the length of the side corresponding to AB.

4. Draw a line AB 3 inches in length. Divide AB in extreme and mean ratio. Find the approximate lengths of the segments.

5. A regular pentagon is drawn on a base 2 inches in length. How would you make a square of the same area as the pentagon?

6. Draw an equilateral triangle ABC. Show how to find all the trigonometrical ratios of the angle B.

7. An aeroplane drops a bomb at a point 1,200 feet directly above a target. The motion of the machine, however, is such that the bomb, instead of falling perpendicularly, makes in its descent an angle of 30° with the perpendicular. At what distance from the target will it strike the ground?

8. The shadow of a tree is 37 feet long when the elevation of the sun is 39°. Find the height of the tree, given tan 39° = .8098.

9. Solve fully the triangle ABC, given B = 40°, b = 42, c = 63; and sin 74° 36′ = .9642; sin 40° = .3214; sin 65° 24′ = .4546.

10. Standing on the bank of a river whose breadth he wishes to ascertain, a surveyor observes a tree directly across on the opposite bank. The angle of elevation of the top of the tree he notes is 32°. Keeping in a line with his first position and the tree, he now walks 150 feet back from the river; he finds that now the elevation of the top of the tree is 21°. Find the width of the river, given tan 32° = .6249; tan 21° = .3839.

Intermediate Grade.

English Literature. (Time, 3 hours.)

[Note.—*Answer* four *of the first five questions, and the* sixth.]

Value.

20 1. (*a.*) Contrast the pleasures and pursuits of L'Allegro and Il Penseroso. Which character does Milton appear to describe with most sympathy?

(*b.*) Write notes on the italicized words or phrases in the following:—

(i.) "*The oracles are dumb.*"

(ii.) "Nor is *Osiris* seen
In Memphian grove or green
Trampling the *unshowr'd* grass with lowings loud."

(iii.) "Full little thought *they* than
That the *mighty Pan*
Was kindly com to live with them below."

(iv.) "Next *Camus*, reverend sire, went footing slow,
His mantle hairy and his bonnet sedge
Inwrought with figures dim, and on the edge
Like to that *sanguine flower inscrib'd with woe.*
Ah! who hath reft (quoth he) my dearest pledge?
Last came, and last did go,
The pilot of the Galilean lake;
Two massy keyes he bore of metals twain
(The golden opes, the iron shuts amain)."

20 2. (*a.*) What circumstances of the age tended to make Dryden a satirist? What are the chief qualities of his satirical verse? Who was Flecknoe? and Mac Flecknoe?

Write notes on the italicized words in the following passage:—

"Close to the walls which *fair Augusta* bind,
(The fair Augusta much to fears inclin'd,)
An ancient fabric rais'd to inform the sight
There stood *of yore*, and Barbican it *hight;*
A watch-tower once, but now, so fate ordains,
Of all the pile an empty name remains.
Near it a *Nursery* erects its head,
Where queens are formed and future heroes bred,
Where unfledged actors learn to laugh and cry
And little Maximins the gods defy.
Great *Fletcher* never treads in *buskins* here,
Nor greater *Jonson* dares in *socks* appear."

(*b.*) "At last divine Cecilia came,
Inventress of the vocal frame."

What is the legend of St. Cecilia?

Quote to show what powers Dryden attributes to the organ.

20 3. (*a.*) What reasons would you give for the enduring popularity of Gray's Elegy?

"For who, to dumb Forgetfulness a prey,
This pleasing anxious being e'er resigned,
Left the warm precincts of the cheerful day
Nor cast one longing ling'ring look behind?

"On some fond breast the parting soul relies,
Some pious drops the closing eye requires;
Ev'n from the tomb the voice of Nature cries,
Ev'n in our ashes live their wonted fires."

Value.

Explain the first two lines.
Show the movement of the thought in the last four.

(*b.*) "Girt with many a baron bold
Sublime their starry fronts they rear;
And gorgeous dames, and statesmen old
In bearded majesty, appear.
In the midst a form divine!
Her eye proclaims her of the Briton-line;
Her lion-port, her awe-commanding face,
Attemper'd sweet to virgin-grace.
What strings symphonious tremble in the air,
What strains of vocal transport round her play,
Hear from the grave, great Taliessin, hear;
They breathe a soul to animate thy clay.
Bright Rapture calls, and soaring, as she sings,
Waves in the eye of Heav'n her many-colour'd wings."

(i.) Who is speaking? (ii.) Name some of the "statesmen old" referred to. (iii.) Who is the "form divine"? (iv.) What is referred to in "strings symphonious" and "strains of vocal transport"? (v.) Who is Taliessin?

20 4. (*a.*) Give a carefully-written outline of the story of *The Prisoner of Chillon*, dwelling on the crises in the prisoner's experience, and bringing out the effects of imprisonment on his character. (Quote any lines that have impressed you.)
What are the chief qualities of Byron's poetry?

(*b.*) "A light broke in upon my brain—
It was the carol of a bird.
. . . . . .
The fish swam by the castle wall
And they seemed joyous each and all."

What parallel from another poet is suggested by these lines? Which poet shows the greater imaginative power?

20 5. (*a.*) Give instances from *The Eve of St. Agnes* of mediaeval atmosphere, and of Keats's command of poetic language. (Quote lines or short passages.)
Discuss Keats's success in characterizing Angela.

(*b.*) Write explanatory notes on:—

(i.) "*Hoodwink'd with faery fancy, all amort,*
Save to *St. Agnes* and her lambs unshorn."

(ii.) "Never on such a night have lovers met
Since *Merlin* paid his Demon all the monstrous debt."

(iii.) "O for some drowsy *Morphean* amulet!"

(iv.) "Manna and dates, in *argosy* transferr'd
From *Fez*, and spiced dainties, everyone,
From silken Samarcand to *cedar'd Lebanon*."

20 6. Write on *one* only of the following two subjects:—

(*a.*) Give an estimate of the character and ideals of Milton as a young man, based on Macaulay's Essay and the poems you have studied.

(*b.*) Write a character-sketch of Sir Roger de Coverley embodying the traits that have interested you.

What qualities of Addison's style do you think worthy of imitation?

COMPOSITION. (Time, 2 hours.)

Write an essay on *one* of the following subjects:—

(*a.*) Sir Roger de Coverley as the English Country Gentleman.

(*b.*) Milton. (A character sketch.)

(*c.*) If Germany had won?

(*d.*) The problem of the Foreigner in British Columbia.

GEOGRAPHY. (Time, 1½ hours.)

Value.

15 1. Explain clearly how latitude and longitude are determined. Show the practical use of this method of determining location.

15 2. Compare the warming of the land and of the ocean, giving reasons for differences.

15 3. "The atmosphere at large may be likened to the air of a room." Explain this statement.

15 4. Account for difference in the quantity of rainfall on the continent of North America.

20 5. Explain and give the causes of the chief changes resulting from the elasticity and mobility of the atmosphere.

20 6. What is the influence (*a*) of altitude, (*b*) of proximity to water on average temperature. Illustrate from the Coast of British Columbia.

BRITISH HISTORY. (Time, 1½ hours.)

[NOTE.—Five *questions only to be answered.*]

Value.

20 1. Give an account of the chief races that have gone to make up the British Nation, and give the characteristics of each that have helped to make Britain the supreme world power.

20 2. Write a short account of the circumstances leading up to the Norman Conquest; also, write on its influence on the history of Britain.

20 3. Give a short account of the reign of Edward I., showing his influence on the laws of England.

20 4. What was the position of the common people of England during the Wars of the Roses, and what was the effect of those wars on England?

20 5. Show how the despotic rule and avaricious character of Henry VII. struck the death-blow of Feudalism in England.

20 6. Discuss the character of Queen Elizabeth, and show what Britain owes to her reign.

20 7. Write short notes on any *five* of the following: Thomas à Becket, The Statute of Mortmain, Robert Bruce, Warwick, Joan of Arc, The Act of Supremacy, Thomas Cromwell, Raleigh.

20 8. Name the Acts passed in the reign of Charles II. to enforce adherence to the Church of England, and give their provisions and results.

ALGEBRA. (Time, 2 hours.)

[N.B.—*All work must be shown. It must be neat and accurate.*]

Value.

10 1. (*a.*) When $a=2$, $b=3$, $c=1$, $q=4$, $r=6$, find the value of $5a^bc^r - 3^a2^b + 2^ra^5 - c^bb^q$.

(*b.*) Find the highest common factor of—

$x(12x^3 - x^2 - 30x - 16)$ and $6x^3 - 2x^2 - 13x - 6$.

10 2. Simplify:—

(*a.*) $\dfrac{1+x^3}{1+2x+2x^2+x^3}$.

(*b.*) $\dfrac{\dfrac{a^2+x^2}{x} - a}{\dfrac{1}{x} - \dfrac{1}{a}} \times \dfrac{a^2-x^2}{a^3+x^3}$

25 3. (*a.*) It costs \$50 at 1 cent per square foot to prepare a rectangular lawn and sow it with grass seed, and \$75 at 25 cents per foot to fence it. Find the length and width of the lawn.

(*b.*) Solve $\dfrac{x-a}{b-x} = \dfrac{x-b}{a-x}$.

(*c.*) Solve $(x+y)(m^2+l^2) = 2(m^3+l^3) + ml(x+y)$;

$\dfrac{m}{l}x + \dfrac{l}{m}y = \left(\dfrac{1}{l} + \dfrac{1}{m}\right)(m^2+l^2)$.

20 4. (*a.*) Solve $\dfrac{1}{2x-5a} = \dfrac{2}{a} - \dfrac{5}{2x-a}$.

(*b.*) Solve $\dfrac{4(x+2)}{3} - \dfrac{6(x-7)}{7} = 12$.

(*c.*) Solve $x^3+y^3 = 152$, $x^2y + xy^2 = 120$.

16 5. Factor:—

(*a.*) $a^2b + 3ab^2 - 3a^3 - b^3$.

(*b.*) $x^4 - 47x^2y^2 + y^4$.

(*c.*) $x^9 - 8y^9 + x^3y^6 - 8x^6y^3$.

(*d.*) $x^3 - \dfrac{4}{x}$.

19 6. (*a.*) Simplify $\dfrac{(x^a)^3}{x^{b+c}} \times \dfrac{(x^b)^3}{x^{c+a}} \times \dfrac{(x^c)^3}{x^{a+b}}$.

(*b.*) Simplify $(a^{n^2-1})^{\frac{n}{n+1}} + \dfrac{\sqrt[n]{a^{2n}}}{a}$.

(*c.*) Divide $21x + x^{\frac{3}{2}} + x^{\frac{1}{2}} + 1$ by $3x^{\frac{1}{2}} + 1$.

Geometry. (Time, 2 hours.)

(*See* paper set on this subject for the Junior Matriculation Examination.)

Chemistry. (Time, 2 hours.)

(*See* paper set on this subject for the Junior Matriculation Examination.)

Agriculture. (Time, 2 hours.)

(*See* paper set on this subject for the Junior Matriculation Examination.)

Grecian History. (Time, 2 hours.)

[Note.—Five *questions only to be answered.*]

Value.

20 1. The Greeks were pre-eminent as traders and colonizers. Give a short account of their colonizing expeditions to the West and the North, noting important settlements planted by them.

20 2. Explain the purposes served by the Great National games of Greece, and give the names of the more important of these.

20 3. Describe the Spartan system of government and training. Point out its defects.

20 4. State the circumstances which led to the first conflict between Athens and Persia, and describe the campaign up to the battle of Marathon.

20 5. Describe the Delian Confederacy, and show how it developed into the Athenian Empire.

20 6. Give an account of the causes which led to the Peloponnesian war, and also describe the Athenian expedition to Sicily.

20 7. Make notes on any *five* of the following: Solon, Pericles, Herodotus, Mardonius, Croesus, Alcibiades, Sappho.

Latin. (Time, 3 hours.)

Value.

17 1. Translate:—

Reliqui, qui domi manserunt, se atque illos alunt. Hi rursus invicem *anno* post in armis sunt; illi domi remanent. Sic neque agricultura nec ratio atque usus belli intermittitur. Sed privati ac separati *agri* apud eos nihil est, neque longius *anno* remanere uno in loco *incolendi* causa licet. Neque multum *frumento*, sed maximam *partem* lacte atque pecore vivunt multumque sunt in venationibus.

(*a.*) What people is Caesar describing?

(*b.*) Explain the case of *anno* (both), *agri*, *frumento*, *partem*.

(*c.*) *Ratio* atque *usus*. Show clearly the difference in meaning.

(*d.*) Parse *incolendi;* decline *lacte* and *pecore* in the singular.

Value.

15 2. Translate carefully into idiomatic English:—

Germani post tergum clamore audito, cum suos interfici viderent, armis abiectis signisque militaribus relictis se ex castris eiecerunt et cum ad confluentem Mosae et Rheni pervenissent, reliqua fuga desperata magno numero interfecto reliqui se in flumen praecipitaverunt atque ibi timore, lassitudine, vi fluminis oppressi perierunt. Nostri ad unum omnes incolumes perpaucis vulneratis ex tanti belli timore, cum hostium numerus *capitum* quadringentorum et triginta *millium* fuisset, se in castra receperunt. Caesar iis, quos in castris retinuerat, discedendi potestatem fecit. Illi supplicia cruciatusque Gallorum veriti, quorum agros vexaverant, remanere se apud eum velle dixerunt. His Caesar libertatem concessit.

Explain the genitives *capitum* and *millium*, and write the principal parts of the verb *viderent*.

8 3. Translate:—

Nam quod omni ex reliquis partibus *demesso* frumento pars una erat reliqua, suspicati hostes huc nostros esse venturos noctu in silvis delituerant; tum dispersos depositis armis in metendo occupatos subito *adorti*, paucis interfectis, reliquos incertis ordinibus perturbaverant simul equitatu atque essedis circumdederant.

Write the principal parts of *demesso* and *adorti*.

18 4. Translate:—

Hinc portum petit, et socios *partitur* in omnes.
Vina, bonus quae deinde cadis onerarat Acestes
Litore Trinacrio dederatque abeuntibus heros,
Dividit, et dictis maerentia pectora mulcet:
'O socii—neque enim ignari sumus ante malorum—
O *passi* graviora, dabit deus his quoque finem.
Vos et Scyllaeam rabiem penitusque sonantes
Accestis scopulos, vos et Cyclopia saxa
Experti: revocate animos, maestumque timorem
Mittite; forsan et haec olim meminisse juvabit.
Per varios casus, per tot discrimina rerum
Tendimus in Latium, sedes ubi fata quietas
Ostendunt; illic fas regna *resurgere* Trojae.
Durate, et vosmet rebus servate secundis.'

(*a.*) What is the object of *partitur* (l. 1)?

(*b.*) A note on the use of *ante* (l. 5); case of *passi* (l. 6); principal parts of *passi;* mood of *resurgere* (l. 13).

(*c.*) *Accestis.* Write the full form.

18 5. Translate:—

Namque sub ingenti lustrat dum singula templo,
Reginam opperiens, dum, quae fortuna sit urbi,
Artificumque manus inter se operumque laborem
Miratur, videt Iliacas ex ordine pugnas.
Bellaque jam fama totum vulgata per orbem,
Atridas, Priamumque, et saevum ambobus Achillem.
Constitit, et lacrimans: 'Quis jam locus,' inquit, 'Achate,
Quae regio in terris nostri non plena laboris?
En Priamus! sunt hic etiam *sua* praemia *laudi;*
Sunt lacrimae *rerum*, et mentem mortalia tangunt.
Solve metus; feret haec aliquam tibi fama salutem.'
Sic ait, atque animum pictura pascit inani,
Multa gemens, largoque umectat flumine vultum.

Value.

(*a.*) Explain case of *laudi* (l. 9); a note on the use of *sua* (l. 9).

(*b.*) What kind of a genitive is *rerum* (l. 10)?; parse *multa* (l. 13).

(*c.*) Scan the second and third lines.

24 6. Translate into Latin:—

(*a.*) On learning that ambassadors had been sent to him by the enemy, he set out for the camp.

(*b.*) Several ambassadors came to Caesar to ask him why he was carrying on war against them.

(*c.*) They did not know whether they should defend the camp or seek safety by flight.

(*d.*) The barbarians sent their cavalry ahead to prevent our men from disembarking.

(*e.*) The eagle-bearer ordered the men to leap down from the ships into the water if they did not wish to let the eagle fall into the hands of the enemy.

(*f.*) When the bridge was built, the enemy urged the women and children to take refuge in the woods.

GREEK. (Time, 3 hours.)

Value.

6 1. Give a synopsis of the first aorist system of λύω in the active and of φαίνω in the middle.

3 2. How do you express indirect quotations in Greek after (*a*) primary tenses, and (*b*) secondary tenses?

12 3. Write the principal parts of λέγω, τρέφω, τρίβω, τελέω, βάλλω, αἱρέω.

6 4. Write the Greek adjectives for "beautiful," "great," "easy," "much," and give their comparative and superlative degrees.

15 5. (*a.*) What construction follows φημί, εἶπον, λέγω?

(*b.*) Write the first ten ordinals in Greek.

(*c.*) A synopsis of the aorist system of ὁράω in the active.

(*d.*) Translate: We must do this.

(*e.*) Write a Greek sentence using the word τυγχάνω.

18 6. Write:—

(*a.*) Present, indicative, active of δίδωμι.

(*b.*) Present, optative, active of τίθημι.

(*c.*) Imperfect, indicative, active of ἵστημι.

(*d.*) Imperfect indicative of φημί.

(*e.*) A synopsis of second aorist system of ἵστημι.

(*f.*) First person singular of οἶδα in all moods.

20 7. Translate into Greek:—

(*a.*) He took the letter and gave it to Cyrus.

(*b.*) They feared that the Greeks would attack them during the night.

(*c.*) On the following day the generals resolved that they must advance through the mountains.

(*d.*) If the army should be scattered, it would be destroyed by the enemy.

(*e.*) He proceeded thence three stages, fifteen parasangs to the river Euphrates which is four stades in width.

Value.

20 8. Translate into English:—

(*a.*) ἀκούσας ταῦτα τοῦ Γαυλίτου ἔλεξεν ὁ Κῦρος· "Ἀλλ' ἔστι μὲν ἡμῖν, ὦ ἄνδρες, ἡ ἀρχὴ ἡ πατρῴα πρὸς μὲν μεσημβρίαν μέχρι οὗ διὰ καῦμα οὐχ οἷοί τ' εἰσὶν οἰκεῖν ἄνθρωποι, πρὸς δὲ ἄρκτον μέχρι οὗ διὰ χειμῶνα· τὰ δ' ἐν μέσῳ τούτων πάντα σατραπεύουσιν οἱ τοῦ ἀδελφοῦ φίλοι. ἢν δ' ἡμεῖς νικήσωμεν, ἡμᾶς δεῖ τοὺς ἡμετέρους φίλους τούτων ἐγκρατεῖς ποιῆσαι."

(*b.*) παρεκελεύοντο δὲ Κύρῳ πάντες μὴ μάχεσθαι, ἀλλ' ὄπισθεν ἑαυτῶν τάττεσθαι. ἐν δὲ τῷ καιρῷ τούτῳ Κλέαρχος ὧδέ πως ἐρωτᾷ τὸν Κῦρον· "Οἴει γάρ σοι μαχεῖσθαι, ὦ Κῦρε, τὸν ἀδελφόν;" "Νὴ Δί'," ἔφη ὁ Κῦρος, "εἴπερ γε Δαρείου καὶ Παρυσάτιδός ἐστι παῖς, ἐμὸς δὲ ἀδελφός, οὐκ ἀμαχεὶ ταῦτ' ἐγὼ λήψομαι."

FRENCH (Fraser and Squair, etc.). (Time, 3 hours.)

Value.

10 1. Give the French idioms for:—

He comes on Sundays. Half an hour. Half the time. Young men. From now till then. Let him know. I had rather stay. He came near falling. I have heard from him. So be it.

20 2. Give:—

(*a.*) The present subjunctive (preceded by *il faut que*) of:—

Je vais ce matin chez la conturière; je sais faire cela; il s'est fait couper les cheveux; tous les hommes mouraient.

(*b.*) The future of:—

J'envoie mon fils à l'école; il courait en toute hâte; ils sont devenus très pauvres; Jeanne veut savoir faire le ménage.

(*c.*) The past anterior of:—

Dès que je m'assieds; quand nous rirons; une fois qu'ils mouraient de soif; aussitôt que je lisais les journaux.

(*d.*) The present indicative of:—

Le maître partit aussitôt; cette vache valait cinq cents francs; vous diriez la même chose; c'est ici qui tu mourras.

(*e.*) The imperative of:—

Tu lui en a donné; tu en donneras à ton frère; vous avez la bouté d'attendre; vous me ferez une omelette.

10 3. Translate the following, choosing one of the expressions given in brackets:—

(1.) My uncle knows America well (*savoir, connaître*). (2.) Can you speak French? (*pouvoir, savoir*). (3.) I am not thinking about anything (*penser à, penser de*). (4.) Of what use is this book? (*servir à, servir de*). (5.) It is easy to talk, but it is not easy to do (*il est, c'est*). (6.) She is a good dress-maker for she is French (*c'est, elle est*). (7.) Are they soldiers? Yes, they are (*le, les*). Are they the king's soldiers? No, they are not (*le, les*).

10 4. Change infinitives in brackets to tenses required by context:—

(1.) Je voudrais bien y aller si je (*pouvoir*). (2.) Après (*travailler*) avec succès, nous sommes heureux. (3.) La seule chose que je (*pouvoir*) faire c'est d'en acheter de neufs. (4.) Il ordonna qu'on (*descendre*) sa grande malle. (5.) Vous (*attendre*) depuis dix jours. (6.) Il semble qu'elle (*avoir*) tort. (7.) Si j'y vais et que je la (*voir*), elle sera contente. (8.) La chanson que j'ai (*entendre*) chanter est jolie. (9.) Il jouait pendant que je (*lire*) le journal. (10.) Quand il (*arriver*), je partirai.

Value.

20 5. Translate:—

(1.) Let us take a walk; I wish you to tell me all. (2.) The dress I got made in Paris doesn't fit me. (3.) I have just heard from my nephew. (4.) Pay the tailor for your clothes. I have paid him for them. (5.) A workman got hurt; a stone fell on his head. (6.) When we are thirty we like water better than wine. (7.) They will not finish early without your helping them. (8.) The two children are on a visit at their aunt's. (9.) Don't go away without saying good-bye. (10.) Most people like best to begin by doing something easy.

30 6. Translate:—

(*a.*) Frédéric-Auguste, électeur de Saxe, que ni l'éloquence et les négociations de l'abbé de Polignac, ni les grandes qualités du prince de Conti, son concurrent au trône, n'avaient pu empêcher d'être élu depuis deux ans roi de Pologne [1697], était un prince moins connu encore par sa force de corps incroyable, que par sa bravoure et la galanterie de son esprit. Sa cour était la plus brilliante de l'Europe après celle de Louis XIV. Jamais prince ne fut plus généreux, ne donna plus, n'accompagna ses dons de tant de grâce. Il avait acheté la moitié des suffrages de la noblesse polonaise, et forcé l'autre par l'approche d'une armée saxonne. Il crut avoir besoin de ses troupes pour se mieux affermir sur le trône, mais il fallait un prétexte pour les retenir en Pologne: il les destina à attaquer le roi de Suède en Livonie, à l'occasion que l'on va rapporter.

(*b.*) Pierre Alexiowitz avait reçu une éducation qui tendait à augmenter encore la barbarie de cette partie du monde. Le dégoût qu'il commença à sentir de bonne heure pour tout ce qui l'entourait fut le premier germe des grands changements qui se firent depuis dans sa personne et dans sa nation. Il aima les étrangers avant qu'il sût à quel point ils pourraient lui être utiles. Le Fort, comme on l'a déjà dit, fut le premier instrument dont il se servit pour changer depuis la face de la Moscovie. Son puissant génie, qu'une éducation barbare avait retenu et n'avait pu détruire, se développa presque tout à coup: il résolut d'être homme, de commander à des hommes, et de créer une nation nouvelle. Plusieurs princes avaient avant lui renoncé à des couronnes par dégoût pour le poids des affaires; mains aucun n'avait cessé d'être roi pour apprendre mieux à régner: c'est ce que fit Pierre le Grand.

German. (Time, 3 hours.)

Value.

10 1. Turn the second clause of each sentence into a relative clause:—

(1.) Er rettete den Mann; dieſer konnte nicht ſchwimmen. (2.) Ich traf einen Freund; ich hatte ihn lange nicht geſehen. (3.) Er will zur Stadt zurück; in dieſer Stadt wurde er geboren. (4.) Dieſer Schauſpieler iſt arm; ich ſpreche von ihm. (5.) Der Herr iſt reich; ich habe ſein Haus gekauft.

12 2. Translate the following sentences, expressing the italicized words by one of those given in parenthesis:—

(1.) *When* (wenn, wann, als) I do my duty I am happy. (2.) *When* (wenn, wann, als) I was young I was strong. (3.) *When* (wenn, wann, als) was his father here? (4.) This door is not large *but* (aber, ſondern) small. (5.) I can't come to-day, *but* (aber, ſondern) I shall send you a letter. (6.) *After* (nach, nachdem) he was dead, he was honoured by every one.

Value.

12 3. Insert comparative and superlative forms respectively in the blank spaces :—

(1.) Klara iſt klug, ihre Schweſter iſt . . . , aber ihr Bruder iſt . . . . (2.) Der hohe Baum, das . . . . Haus, die . . . . Brücke. (3.) Wir arbeiten gut, Sie arbeiten . . . , aber diejenigen arbeiten . . . .

Express the following in German :—

Not in the least.—Most people.—He is most kind.—The slower the cheaper. —The train goes faster and faster.—Mostly in Europe.

10 4. Translate accurately so as to bring out clearly the meaning of each sentence in the following couples :—

(1.) Er hat es nicht tun können ; er kann es getan haben. (2.) Er hat es nicht tun mögen ; er mag es getan haben. (3.) Er hat es tun müſſen ; er muß es getan haben. (4.) Er hat es tun wollen ; er will es getan haben. (5.) Das mag ſein ; das kann ſein.

16 5. Translate :—

(1.) They regarded him as one of the greatest generals that ever lived. (2.) I am of the same opinion, and I am convinced of his innocence. (3.) My father has forbidden me to attend the foot-ball game. (4.) I had been only twenty-four hours in the city when the earthquake took place. (5.) I hope nothing will prevent our visiting him to-morrow. (6.) His being rich is no excuse for his wasting his money. (7.) Smiling, he began to read the letter, but before finishing it he was raging. (8.) I suppose he isn't in town. Yes he is.

20 6. Translate :—

(*a*.) Endlich antwortete die Dame etwas ernſthafter und mit einem warmen, innigen Ton: „Ach nein, du thörichter Burſche, darum wär' ich gewiß nicht ſo von Herzen glücklich, wenn mein guter Mann auch wirklich reich wäre. Aber er iſt es ganz und gar nicht; alles, was er hat und was er mir giebt, verdient er ſich von Jahr zu Jahr durch ſeinen Fleiß und ſeine Klugheit. Aber weil ich ihn von ganzem Herzen lieb habe, darum bin ich die allerglücklichſte Frau, die in Eurem ſchönen Italien herumreiſt, und ich denke, auch er fühlt ſich ein klein wenig glücklich an der Seite ſeines luſtigen Weibes." Bei dieſen Worten ſchlang ſie den Arm mit freudiger Zärtlichkeit um ihren Gatten, und der ſtrich ſich ſchmunzelnd den Bart und hörte mit geſchmeicheltem Stolz das ſüße Geſtändnis von ihren Lippen.

(*b*.) „Das giebt eine ſchlechte Chriſtin!" murmelte die Alte vor ſich hin, und der Pate murrte: „Dummer Balg!"

Nach Vollendung der heiligen Handlung niſtelte der Ritter einen Goldgulden aus dem Beutel und ſchenkte ihn der kleinen Solitaria, damit hielt er ſeine Pflichten für erledigt. Die Muhme aber hing ihr ein geweihtes Kreuzlein um den Hals, damit ſie eine gute Chriſtin würde, und dann ging alles zum Begräbnis der Schloßherrin, die um Mitternacht in der Gruft beigeſetzt wurde.

Das Kind blieb in der Kemenate bei der Amme, aber mit finſtern Blicken ſchaute dieſe auf das kleine Geſchöpf. Man hatte ſie, die Hörige, auf Befehl des Herrn aufs Schloß geholt, da mußte ſie Mutterſtelle an dem verwaiſten Kinde vertreten. Ob ihr eigenes Kindlein drunten im Dorf darüber verkam und zu Grunde ging, wer fragte darnach! Da konnte der Mann ſehen, wie er fertig wurde, denn das Weib mußte aufs Schloß. So befahl's der Schloßherr.

Value.

20 7. Translate:—

(*a.*) Aber der junge Mann antwortete nicht und that, als wenn er die Frage nicht gehört hätte. Er gab ihr den Arm und sie schlenderten eifrig schwatzend den See entlang. Als dann nach einer Weile der alte Herr ein klein wenig zurückgeblieben war, zog er die Uhr aus der Tasche und sagte: „Ein kleines Andenken an das schöne Genf, Marie, wo unsere glücklichen Herzen sich gefunden haben." — —

In diesem Moment schlug die Rathausuhr auf dem Markt Zwölf. Das arme kranke Mädchen seufzte tief auf und ließ den Kopf leise auf die Brust sinken. Der Präsident zuckte schmerzlich zusammen und beugte sich mit dem Ausdrucke der namenlosesten Angst über den Kopf seiner Tochter, lauschend, ob er vielleicht ihren Atem gehen oder ihr Herz schlagen hören konne. Aber es war ganz still. Sie war tot.

(*b.*) Wenn der älteste Sohn herangewachsen ist, übergiebt er ihm das Geschäft, und dann wird die lange aufgeschobene Wanderung angetreten. Geduld!—

Die Kinder wuchsen heran, und der älteste Sohn saß als junger Meister auf dem dreibeinigen Stuhl des Vaters. Aber jetzt galt es, die Töchter an den Mann zu bringen und auszustatten, und die große Reise mußte wieder auf unbestimmte Zeit verschoben werden. Geduld Crispin, Geduld!—

Wieder verstrich eine Reihe von Jahren. Meister Crispin trug ein schwarzes Samtkäppchen auf dem kahlen Scheitel, und Frau Anne fing an von der guten, alten Zeit zu sprechen. Die Kinder waren versorgt und hielten die Eltern in Ehren. Sie hatten ihnen ein sonniges Stüblein hergerichtet, und dort saß der Alte den größten Teil des Tages im gepolsterten Großvaterstuhl und las in seinen Büchern.

Senior Grade.

ENGLISH LITERATURE. (Time, 3 hours.)

Value.

50 1. Answer any *five* of the following (brief apposite quotations from, and *definite* reference to, the poems studied are expected):—

(*a.*) What are Spenser's poetic aims in "Prothalamion"?

(*b.*) Show clearly why "The Rape of the Lock" is called a mock-heroic poem.

(*c.*) What characteristics of the author and his age are reflected in Johnson's "Vanity of Human Wishes"?

(*d.*) Why do Scotsmen accept "The Cotter's Saturday Night" as a national poem?

(*e.*) Discuss characteristics of Cowper's poetry.

(*f.*) Consider "The Ancient Mariner" from the point of view of a crime and its punishment. Comment, not mere narration, is required.

(*g.*) Make an analysis of Wordsworth's "Ode on Immortality." Discuss the basis of idea on which the poem rests.

(*h.*) What views regarding life and death are expressed by Shelley in the concluding stanzas (Nos. 39-55) of "Adonais"?

36 2. Answer any *two* of the following:—

(*a.*) What unifying ideas are discernible in George Eliot's presentation of the two chief male characters in "Silas Marner"?

(*b.*) Write on the setting of Thackeray's novel "Henry Esmond."

(*c.*) Discuss Ruskin's ideas on reading as they are expressed in the first half of the essay, "Of Kings' Treasuries."

14 3. Write on each of the following:—

(*a.*) The decline of the drama in the seventeenth century.

(*b.*) The novel during the eighteenth century.

COMPOSITION. (Time, 2 hours.)

Write an essay on *one* of the following subjects:—

(*a.*) The influence of environment on the development of character (Silas Marner).

(*b.*) The boyhood of Henry Esmond.

(*c.*) Ruskin's conception of woman's sphere (Sesame and Lilies).

(*d.*) The Navy's contribution to the victory of the Allies.

(*e.*) The League of Nations.

GEOGRAPHY. (Time, 1½ hours.)

Value.

10 1. Show how a "Natural Bridge" illustrates the wearing away of the land.

15 2. Mention briefly causes of tides. Explain chief causes for local irregularities—as on the coast of British Columbia.

15 3. "The coast of British Columbia gives unmistakable evidence of its being that of a submerged Continent." What proofs can be given for this statement?

Value.

15 4. How have plateaus and plains been formed? Explain formation of the buttes in Western Texas.

15 5. Describe formation of Glaciers? Explain their action in changing land surface.

15 6. Explain briefly the action of the three chief causes which contribute to the destruction of rocks.

15 7. Show how the age of the Earth may be inferred from the facts of geology.

ALGEBRA. (Time, 3 hours.)

(*See* paper set on this subject for the Senior Matriculation Examination.)

TRIGONOMETRY. (Time, 3 hours.)

(*See* paper set on this subject for the Senior Matriculation Examination.)

GEOMETRY. (Time, 3 hours.)

Value.

12 1. To describe an isosceles triangle having each of the angles at the base double of the third angle.

12 2. (*a.*) When is a line divided harmonically?
(*b.*) Divide the line AB harmonically in the ratio of 2 to 5.

12 3. The rectangle contained by the diagonals of a quadrilateral inscribed in a circle is equal to the sum of the rectangles contained by its opposite sides.

13 4. ABCD is a square inscribed in a circle, and P is any point on the circumference; show that the sum of the squares on PA, PB, PC, PD is double the square on the diameter.

12 5. Describe a rectilineal figure which shall be equal to one and similar to another rectilineal figure.

13 6. AE bisects the vertical angle of the triangle ABC and meets the base in E; show that if circles be described about the triangles ABE and ACE, the diameters of these circles are to each other in the same ratio as the segments of the base.

12 7. Triangles which are equal in area and which have an angle of the one equal to an angle of the other have their sides about the equal angles reciprocally proportional.

14 8. Bisect a triangle by a line parallel to one of its sides.

PHYSICAL SCIENCE. (Time, 1½ hours.)

[NOTE.—*Any* five *questions make a full paper.*]

Value.

20 1. State the Theory of the Constitution of Matter. How does that theory account for the porosity of all matter?

20 2. State the Law of Universal Gravitation. If a body on the surface of the Earth is 4,000 miles from the centre of gravity of the Earth, what would the same body weigh if it were taken 4,000 miles above the Earth's surface? Why will not the same body have the same weight at all parts of the Earth's surface?

20 3. Describe, and illustrate by a drawing, the principle of the *Siphon.* State any practical uses to which Siphons may be put.

20 4. Compare the Lifting Pump for Liquids with the Force Pump, and illustrate by drawings. What advantage has the latter over the former?

20 5. (*a.*) Under the action of a constant force, a body meeting with no resistances moves from a state of rest 20 feet during the first minute; how far will it go in an hour?

(*b.*) Suppose at the end of the first minute the force should cease to act, how far would the body go in an hour from that instant?

20 6. What is a machine? State three of the many advantages derived from the use of machines. Make a drawing of a "wheel and axle." If the circumference of the axle is 15 inches, and the force applied to the crank acts through 15 feet during each revolution, what force would be necessary to raise a bucket of coal weighing 100 lb.? Show that the "wheel and axle" is a modification of the "lever."

20 7. Describe an experiment to illustrate the magnetism of the Earth. Where, approximately, are the magnetic poles of the Earth?

What is meant by (*a*) the Variation of the Needle, (*b*) the Angle of Declination? State as nearly as you can the course of the line of *no* declination.

20 8. Distinguish between *evaporation* and *boiling.* On what six conditions does rapidity of evaporation depend?

20 9. Define *Specific Heat.* If 1 kilogram of lead shot at 98° C. be poured into 1 litre of water at 15° C., what will be the resulting temperature? (Specific heat of lead = 0.03.)

20 10. Define *ampere, volt, E.M.F., ohm, coulomb, watt, joule.* A current of 5 amperes is maintained by an E.M.F. of 8 volts; what is the power of this current?

20 11. State, and illustrate by diagram, what is meant by connecting cells in *series;* in *multiple.* On what condition is it best to connect cells (1) in series, and (2) in multiple?

ROMAN HISTORY. (Time, 2 hours.)

[NOTE.—Five *questions only to be answered.*]

20 1. Draw a map of Italy and show on it the location of the more important Italian tribes during the period of the founding of Rome.

20 2. Give a short sketch of the mythological history of Rome down to the expulsion of the kings.

20 3. Give an account of five of the more important Roman governmental offices, explaining how each came to be instituted.

Value.

20 4. Compare Rome and Carthage as to military personnel and resources and give a short account of the First Punic War.

20 5. Describe the Roman system of governing provinces, noting its good and bad points.

20 6. Give a brief account of the conditions in Rome and in Italy which led to the attempted Reforms of the Gracchi. Give the main reasons for the failure of the Gracchi.

20 7. Discuss the attitude of the Romans towards Christianity and account for the persecution of the Christians by the Good Emperors.

20 8. Describe Diocletian's attempt to remodel the Government of the Empire and give reasons for its failure.

20 9. Give the outstanding reasons for the decline of the Roman Empire.

LATIN. (Time, 3 hours.)

[NOTE.—*Candidates will write on A and D and* either *B* or *C*.]

A. CICERO, PRO LEGE MANILIA.

8 1. (*a*.) What four distinct qualifications does Cicero say that an ideal general must have?

(*b*.) Who were the chief opponents of Manilius' proposal? What were their arguments? How does Cicero meet them?

(*c*.) Why does Cicero consider the welfare of the Roman knights so important to Rome?

13 2. Translate:—

Sed tamen alterius partis periculum, Sertorianae atque Hispaniensis, quae *multo* plus firmamenti ac *roboris* habebat, Cn. Pompei divino consilio ac singulari virtute depulsum est; in altera parte ita res a L. Lucullo, summo viro, est administrata, ut initia illa rerum gestarum magna atque praeclara non felicitati eius, sed virtuti, haec autem extrema, quae nuper acciderunt, non culpae, sed fortunae tribuenda esse *videantur*. Sed de Lucullo dicam alio loco, et ita dicam, Quirites, ut neque vera laus *ei* detracta oratione mea neque falsa adficta esse videatur; de vestri imperii dignitate atque gloria, quoniam is est exorsus orationis meae, videte quem vobis animum suscipiendum *putetis*.

(*a*.) Explain the case of *multo, roboris, ei;* mood of *videantur, putetis*.

(*b*.) Who was Sertorius?

15 3. Translate:—

Iam quantum *consilio*, quantum dicendi gravitate et copia valeat, in quo ipso inest quaedam dignitas imperatoria, vos, Quirites, hoc ipso ex loco saepe cognovistis. Fidem vero eius quantam inter socios existimari putatis, quam hostes omnes omnium generum sanctissimam *iudicarint? Humanitate* iam tanta est, ut difficile *dictu sit*, utrum hostes magis virtutem eius pugnantes *timuerint* an mansuetudinem victi dilexerint. Et quisquam dubitabit, quin huic hoc tantum bellum transmittendum sit, qui ad omnia nostrae memoriae bella conficienda divino quodam consilio natus esse *videatur?*

(*a*.) Explain the case of *consilio, humanitate, dictu;* mood of *iudicarint, timuerint, sit, videatur*.

Value.

11 4. Translate:—

Quare, etiam si quem habetis, qui collatis signis exercitus regios superare posse videatur, tamen, nisi erit idem, que se a pecuniis sociorum, qui ab eorum coniugibus ac liberis, qui ab ornamentis fanorum atque oppidorum, qui ab auro gazaque regia manus, oculos, animum cohibere possit, non erit idoneus, qui ad bellum Asiaticum regiumque *mittatur*. Ecquam putatis civitatem pacatam fuisse, quae locuples *sit*, ecquam esse locupletem, quae *istis* pacata esse videatur? Ora maritima, Quirites, Cn. Pompeium non solum propter rei militaris gloriam, sed etiam propter animi continentiam requisivit.

(*a.*) Mood of *mittatur*, *sit;* case of *istis*.

B. HORACE, ODES, BOOK I.

11 5. Translate:—

nunc decet aut viridi nitidum caput impedire myrto
aut flore, terrae quem ferunt solutae.
nunc et in umbrosis Fauno decet immolare lucis,
seu poscat *agna* sive malit haedo.
pallida Mors aequo pulsat pede pauperum tabernas
regumque turres. o beate Sesti,
vitae summa brevis spem nos vetat inchoare longam.
iam te premet nox fabulaeque Manes
et domus exilis Plutonia: quo simul *mearis*,
nec regna vini sortiere talis
nec tenerum Lycidan mirabere, quo calet iuventus
nunc omnis et mox virgines tepebunt.

(*a.*) Case of *agna* (l. 4); parse *mearis*.
(*b.*) Explain the meaning of line 10.

10 6. Translate:—

Romulum post hos prius, an quietum
Pompili regnum *memorem*, an superbos
Tarquini fasces, dubito, an *Catonis*
nobile letum.

Regulum et Scauros animaeque magnae
prodigum Paullum superante Poeno
gratus insigni referam *Camena*
Fabriciumque.

hunc et *incomptis* Curium *capillis*
utilem bello tulit et Camillum
saeva paupertas et avitus apto
cum lare fundus.

(*a.*) Mood of *memorem;* a note on *Catonis nobile letum*.
(*b.*) Why is *Camena* a more appropriate word to use here than *Musa?*
(*c.*) A note on *Paulus* and *Curius*.
(*d.*) *Incomptis capillis*. Why does Horace apply this to Curius?

14 7. Translate:—

Parcus deorum cultor et infrequens,
insanientis dum *sapientiae*
consultus erro, nunc retrorsum
vela dare atque iterare cursus

cogor relictos: namque Diespiter,
igni corusco nubila dividens
plerumque, per purum tonantes
egit equos volucremque currum,

Value.

quo bruta tellus et vaga flumina,
quo Styx et invisi horrida Taenari
sedes Atlanteusque finis
concutitur. valet ima *summis*

mutare et insignem attenuat deus
obscura promens; hinc apicem rapax
Fortuna cum stridore acuto
sustulit, hic *posuisse* gaudet.

(*a.*) *Insanientis sapientiae.* What is the figure of speech? Quote another example from Horace or a well-known one from Tennyson. What system of philosophy is referred to? A line or two about it.

(*b.*) What words are contrasted in the second stanza?

(*c.*) Case of *summis* (l. 12).

(*d.*) *Sustulit-posuisse.* Can you see that the perfect tense is appropriately used here?

Or

C. VIRGIL, AENEID, BOOK II.

6 5. Translate:—

et, si fata deum, si mens non laeva fuisset
impulerat ferro Argolicas foedare latebras;
Troiaque nunc staret, Priamique arx alta, maneres.

(*a.*) Account for the moods in this passage.

12 6. Translate:—

dixerat. ille *dolis* instructus et arte Pelasga,
sustulit exutas *vinclis* ad sidera palmas:
"vos aeterni *ignes*, et non violabile vestrum
testor numen," ait, "vos arae ensesque nefandi,
quos fugi, vittaeque *deum*, quas hostia gessi:
fas mihi Graiorum sacrata resolvere iura,
fas odisse viros, atque omnia ferre sub auras,
si qua tegunt: teneor *patriae* nec legibus ullis.
tu modo promissis *mancās*, servataque serves
Troia fidem, si vera *feram*, si magna rependam.

(*a.*) Case of *dolis* (l. 1), *vinclis* (l. 2), *ignes* (l. 3), *deum* (l. 5), *patriae* (l. 8).

(*b.*) Mood of *maneas*, *feram*.

17 7. Translate:—

(1.) Iliaci cineres, et flamma extrema meorum,
testor, in occasu vestro nec tela nec ullas
vitavisse vices Danaum, et si fata fuissent,
ut caderem, meruisse manu.

(2.) dixerat ille; et iam per moenia clarior ignis
auditur, propiusque aestus incendia volvunt.
ergo age, care pater, cervici *inponere* nostrae;
ipse subibo umeris, nec me labor iste gravabit;
quo res cumque cadent, unum et commune periclum,
una salus ambobus erit. mihi parvus Iulus
sit comes, et longe servet vestigia coniunx.
vos, famuli, quae *dicam*, *animis* advertite vestris.
est urbe *egressis* tumulus templumque vetustum
desertae Cereris, iuxtaque antiqua cupressus,
religione patrum multos servata per annos:
hanc ex diverso sedem veniemus in unam.

Value.

tu, genitor, cape sacra manu patriosque penates:
me, bello e tanto digressum et caede recenti,
attrectare nefas, donec me flumine *vivo*
abluero.'

(*a.*) Scan the third and fourth lines of (2).

(*b.*) Parse *inponere* (l. 3); mood of *dicam* (l. 8).

(*c.*) Case of *animis* (l. 8) and *egressis* (l. 9).

(*d.*) What is the point in *vivo* (l. 15)?

D.

8. Translate into Latin:—

6 (*a.*) How long will you permit this king to go unpunished who has slaughtered thousands of our citizens and allies and has punished an ambassador of the Roman people with every kind of torture?

12 (*b.*) Money taken from the treasury for the conduct of the war has been left in Rome at interest, and the winter-quarters of our legions during these years have destroyed more cities than the arms of the enemy. But this man's army has harmed no peaceful citizen, neither has it compelled anyone to contribute money.

GREEK. (Time, 2½ hours.)

12 1. Translate:—

οἱ δ' ἄλλοι ἐπειδὴ ἦκον, τήν τε πόλιν διήρπασαν, διὰ τὸν ὄλεθρον τῶν στρατιωτῶν ὀργιζόμενοι, καὶ τὰ βασίλεια τὰ ἐν αὐτῇ. Κῦρος δὲ ἐπεὶ εἰσήλασεν εἰς τὴν πόλιν, μετεπέμπετο τὸν Συέννεσιν πρὸς ἑαυτόν· ὁ δ' οὔτε πρότερον οὐδενί πω κρείττονι ἑαυτοῦ εἰς χεῖρας ἐλθεῖν ἔφη, οὔτε τότε Κύρῳ ἰέναι ἤθελε, πρὶν ἡ γυνὴ αὐτὸν ἔπεισε καὶ πίστεις ἔλαβε.

(*a.*) Explain case of ἑαυτοῦ; decline γυνή (in the sing.); parse εἰσήλασεν; give the principal parts of ἔλαβε.

14 2. Translate:—

"ἀλλὰ ἴτωσαν εἰδότες ὅτι κακίους εἰσὶ περὶ ἡμᾶς ἢ ἡμεῖς περὶ ἐκείνους. καίτοι ἔχω γε αὐτῶν καὶ τέκνα καὶ γυναῖκας ἐν Τράλλεσι φρουρούμενα· ἀλλ' οὐδὲ τούτων στερήσονται, ἀλλ' ἀπολήψονται τῆς πρόσθεν ἕνεκα περὶ ἐμὲ ἀρετῆς." καὶ ὁ μὲν ταῦτα εἶπεν· οἱ δὲ Ἕλληνες, εἴ τις καὶ ἀθυμότερος ἦν πρὸς τὴν ἀνάβασιν, ἀκούοντες τὴν Κύρου ἀρετὴν ἥδιον καὶ προθυμότερον συνεπορεύοντο.

(*a.*) Parse ἴτωσαν and εἰδότες; case of κακίους; a note on the gender of φρουρούμενα and on the form στερήσονται.

(*b.*) Give the other degrees of comparison of ἥδιον.

15 3. Translate:—

Ἐνταῦθα Γαυλίτης παρών, φυγὰς Σάμιος, πιστὸς δὲ Κύρῳ, εἶπε· "Καὶ μήν, ὦ Κῦρε, λέγουσί τινες ὅτι πολλὰ ὑπισχνῇ διὰ τὸ ἐν τοιούτῳ νῦν εἶναι τοῦ κινδύνου προσιόντος· ἂν δ' εὖ γένηταί τι, οὐ μεμνήσεσθαί σέ φασιν· ἔνιοι δέ, οὐδ' εἰ μεμνῇό τε καὶ βούλοιο, δύνασθαι ἂν ἀποδοῦναι ὅσα ὑπισχνῇ." ἀκούσας ταῦτα ἔλεξεν ὁ Κῦρος· "Ἀλλ' ἔστι μὲν ἡμῖν, ὦ ἄνδρες, ἀρχὴ πατρῴα πρὸς μὲν μεσημβρίαν μέχρι οὗ διὰ καῦμα οὐ δύνανται οἰκεῖν ἄνθρωποι, πρὸς δὲ ἄρκτον μέχρι οὗ διὰ χειμῶνα· τὰ δ' ἐν μέσῳ τούτων ἅπαντα σατραπεύουσιν οἱ τοῦ ἐμοῦ ἀδελφοῦ φίλοι.

(*a.*) διὰ τὸ ἐν τοιούτῳ . . . . . προσιόντος. Write notes explanatory of the construction.

Value.

(*b.*) Parse *μεμνῆο*. Write the same part of *λύω*.

(*c.*) What does *δύνασθαι ἄν* represent in direct narration?

10 4. Translate :—

οἱ δ' αὖ βάρβαροι οὐκ ἐδέχοντο, ἀλλ' ἐκ πλέονος ἢ τὸ πρόσθεν ἔφευγον· οἱ δ' ἐπεδίωκον μέχρι κώμης τινός· ἐνταῦθα δ' ἔστησαν οἱ Ἕλληνες. ὑπὲρ γὰρ τῆς κώμης γήλοφος ἦν, ἐφ' οὗ ἀνεστράφησαν οἱ ἀμφὶ βασιλέα, πεζοὶ μὲν οὐκέτι, τῶν δὲ ἱππέων ὁ λόφος ἐνεπλήσθη, ὥστε τὸ ποιούμενον γιγνώσκειν. καὶ τὸ βασίλειόν σημεῖον ὁρᾶν ἔφασαν, ἀετόν τινα χρυσοῦν ἐπὶ πέλτῃ ἀνατεταμένον.

(*a.*) Explain the case of *ἱππέων*; parse *ἀνατεταμένον*.

12 5. Translate :—

πορευτέον δ' ἡμῖν τοὺς πρώτους σταθμοὺς ὡς ἂν δυνώμεθα μακροτάτους, ἵνα ὡς πλεῖστον ἀποσπασθῶμεν τοῦ βασιλικοῦ στρατεύματος· ἂν γὰρ ἅπαξ δύο ἢ τριῶν ἡμερῶν ὁδὸν ἀπόσχωμεν, οὐκέτι μὴ δύνηται βασιλεὺς ἡμᾶς καταλαβεῖν. ὀλίγῳ μὲν γὰρ στρατεύματι οὐ τολμήσει ἐφέπεσθαι· πολὺν δ' ἔχων στόλον οὐ δυνήσεται ταχέως πορεύεσθαι· ἴσως δὲ καὶ τῶν ἐπιτηδείων σπανιεῖ. ταύτην," ἔφη, "τὴν γνώμην ἔχω ἔγωγε."

(*a.*) Case of *ἡμῖν, σταθμούς*; write a note on *οὐκέτι μὴ δύνηται*.

(*b.*) Give the comparative and superlative degrees of *ταχέως*.

12 6. Translate :—

Οἱ μὲν δὴ στρατηγοὶ οὕτω ληφθέντες ἀνήχθησαν ὡς βασιλέα, καὶ ἀποτμηθέντες τὰς κεφαλὰς ἐτελεύτησαν, εἷς μὲν αὐτῶν Κλέαρχος ὁμολογουμένως ἐκ πάντων τῶν ἐμπείρως αὐτοῦ ἐχόντων δόξας γενέσθαι ἀνὴρ καὶ πολεμικὸς καὶ φιλοπόλεμος ἐσχάτως. καὶ γὰρ δή, ἕως μὲν πόλεμος ἦν τοῖς Λακεδαιμονίοις πρὸς τοὺς Ἀθηναίους, παρέμενεν· ἐπεὶ δὲ εἰρήνη ἐγένετο, πείσας τὴν ἑαυτοῦ πόλιν ὡς οἱ Θρᾷκες ἀδικοῦσι τοὺς Ἕλληνας, καὶ διαπραξάμενος ὡς ἐδύνατο παρὰ τῶν ἐφόρων, ἐξέπλει ὡς πολεμήσων τοῖς ὑπὲρ Χερρονήσου καὶ Περίνθου Θρᾳξίν. ἐπεὶ δὲ μεταγνόντες πως οἱ ἔφοροι ἤδη ἔξω ὄντος αὐτοῦ ἀποστρέφειν αὐτὸν ἐπειρῶντο ἐξ Ἰσθμοῦ, ἐνταῦθα οὐκέτι πείθεται, ἀλλ' ᾤχετο πλέων εἰς Ἑλλήσποντον.

25 7. Translate into Greek :—

(*a.*) Would that the generals had marched against the great king!

(*b.*) A messenger has come to make a truce until the generals depart.

(*c.*) We encamped near a park 1,000 feet long and 200 feet broad.

(*d.*) Though it is possible to march against the enemy, we think that he is pleased to make a truce.

(*e.*) For a long time the Greeks did not know that they were marching against the king, but they were willing to follow Cyrus because he was very friendly to them and promised them great rewards.

FRENCH. (Time, 3 hours.)

10 1. Turn the following sentences into the imperative, replacing the italicized nouns by the correct personal pronouns :—

(1.) Tu vas leur acheter *des fruits*.

(2.) Nous donnons *la canne aux enfants*.

(3.) Tu as *de l'argent* et tu en donnes.

(4.) Tu t'en vas; tu vas *à la ville*.

(5.) Vous me donnez *le livre*.

Value.

14 2. Insert, if necessary, the correct form of the definite, indefinite, or partitive article, or that of the possessive in the spaces left blank:—

(1.) Les asperges coûtent trente centimes . . . . botte. (2.) Il me met un thermomètre sous . . . langue. (3.) Ils ont ôté . . . chapeau. (4.) Je me sers de . . . farine pour faire . . . pain. (5.) Il n'a pas . . . amis ici; il est aussi sans . . . argent. (6.) Quant on a bien . . . amis, on a bien peu . . . amis intimes. (7.) On nous a servi . . . bonnes pommes de terre, . . . petits pois, . . . boeuf rôti et plusieurs . . . tasses . . . café.

8 3. Put into French (with special attention to verbs):—

(1.) Yesterday I *could* not go with you; to-day I *could*, if I *would*, but to-morrow I *shall not be able*. (2.) When I *spoke* to him he *would* not answer, but now he *would* like to know what I *was going* to tell him.

20 4. Turn the following narrative into the past:—

Tante Clémence *habite* la campagne. Un jour elle *reçoit* l'invitation d'aller voir ses amis de la ville. Il y *a* des années qu'elle ne les *a vus*. Ayant rarement voyagé elle *est* assez timide. Elle *a* peur de tout. En partant elle *a* peur de manquer le train et *arrive* à la gare une demi-heure d'avance. Une fois casée dans le compartiment elle *a* peur que quelque accident n'*arrive* en route. Il n'y *a* rien qui ne lui *fasse* peur. Toutes les fois que *siffle* la locomotive elle *tressaille*. Elle *craint* que le train ne *déraille*, qu'il ne *fasse* collision avec un autre, qu'il ne s'*arrête* pas à la gare où elle *doit* descendre. Enfin elle *arrive* saine et sauve à la gare où ses amis l'*attendent*.

10 5. Translate:—

C'est une bibliothèque merveilleuse, admirablement montée, ouverte aux poètes jour et nuit et desservie par de petits bibliothécaires à cymbales qui vous font de la musique tout le temps. J'ai passé là quelques journées délicieuses, et, après une semaine de recherches—sur le dos—j'ai fini par découvrir ce que je voulais, c'est-à-dire l'histoire de ma mule et de ce fameux coup de pied gardé pendant sept ans. Le conte en est joli quoique un peu naïf, et je vais essayer de vous le dire tel que je l'ai lu hier matin dans un manuscrit couleur du temps, qui sentait bon la lavande sèche et avait de grands fils.

20 6. Translate:—

(*a.*) Je les suivis. Le vacarme était si grand qu'à vouloir dormir on eût perdu sa peine. Notre guide nous fit traverser le cabinet du Roi et nous montra le camp des voleurs éclairé comme par un incendie. Des pins entiers flambaient d'espace en espace. Cinq ou six groupes assis autour du feu rôtissaient des agneaux embrochés dans des bâtons. Au milieu de la foule, un ruban de danseurs serpentait lentement au son d'une musique effroyable. Les coups de fusil partaient dans tous les sens. Il en vint un dans notre direction, et j'entendis siffler une balle à quelques pouces de mon oreille. Je priai ces dames de doubler le pas, espérant qu'auprès du Roi nous serions plus loin du danger.

(*b.*) A few minutes later I was in bed, but I did not sleep. About five o'clock I heard Dimitri enter my room; he told me that the Englishwomen had just left for Trieste, and that he had taken them to the boat. Harris clasped my hand, saying that love was a matter of inclination. The very next day I said good-bye to this fine country.

20 7. Translate:—

(*a.*) Pajol part et culbute tout ce que se présente: un carré d'infanterie veut tenir, le général Desmichels se précipite sur lui à la tête des 4e et 9e

régiments de chasseurs, l'enfonce, le taille en morceaux et lui fait quelques centaines de prisonniers. Pajol arrive, en sabrant, devant Charleroi, y entre au galop; Napoléon le suit. A trois heures, Vandamme arrive: un chiffre mal fait est cause de son retard; il a pris un quatre pour un six. Il est le premier puni de son erreur, puisqu'il n'a point combattu. Le soir même, toute l'armée française a passé la Sambre; l'armée de Blücher est en retraite sur Fleurus, laissant entre elle et l'armée anglo-hollandaise un vide de quatre lieues.

(*b.*) Meeting a battalion, which had been sent from Grenoble to stop him, he felt that the critical moment had come. He dismounted and advanced alone towards the battalion. But few words sufficed to win over the soldiers. Scarcely had the Emperor spoken when they broke their ranks, ran forward and kissed his hands. But there was no time to be lost, so putting himself at the head of the column he drew near the town of Vizille.

German. (Time, 3 hours.)

Value.

10 1. Change the following sentences so as to express conditions and results contrary to facts, using first the imperfect, then the pluperfect subjunctive in the condition clauses:—

(1.) Wenn ich Geld genug habe, ſo werde ich nach England reiſen. (2.) Er wird kommen, wenn er kann. (3.) Wenn ich nicht zu müde bin, ſo gehe ich aus. (4.) Er kann es nicht tun, wenn er auch will. (5.) Das darf ich nicht tun, wenn du nicht herauskommſt.

6 2. Put infinitives into the correct mood and tense:—

(1.) Er fragte, wer da (ſein). (2.) Er wollte wiſſen, ob er den Löwen töten (müſſen). (3.) Er rief aus: (ſein) ich bei Ihnen geweſen! (4.) Er eilte, damit er nicht zu ſpät (kommen). (5.) Wir konnen nicht ſchlafen, ſeitdem wir krank (ſein). (6.) Er (ſein) ſchon drei Tage hier, als ich ankam.

10 3. Connect the sentences below by the conjunction given in brackets:—

(1.) Er arbeitet nicht mehr; er iſt zu ſchwach (denn). (2.) Das Kind weint nicht mehr; ſeine Mutter iſt bei ihm (ſeit.) (3.) Er kam in das Zimmer; ich verließ es (ſobald). (4.) Es ſcheint; er tut das oft (als ob). (5.) Er iſt krank; er kommt nicht (alſo).

14 4. Translate:—

(1.) I am sorry that we must part now. (2.) Your cousin must have arrived in Vancouver by this time. (3.) Even now it seems as if he would be too late. (4.) When I was at the high school Mr. S. taught me German. (5.) The emperor thanked the chancellor and relieved him of his duty. (6.) You will be glad to learn that we mean to visit you next week. (7.) You say that the matter is quite clear, but your saying so makes no difference.

10 5. Translate:—

Eines heißen Sommertages alſo, da kein Lüftchen ſich regte, kam auch einmal ein armer Handwerksburſche die Straße daher gewandert, dem war es in der Fremde viele Jahre hindurch weh und übel gegangen. Als er vor dem Dorfe anlangte, drehte er zum Überfluß noch einmal alle ſeine Taſchen um, doch ſie waren ſämmtlich leer. „Was fängſt du an?" dachte er bei ſich. „Todmüde biſt du; umſonſt nimmt dich kein Wirt auf, und das Fechten iſt ein beſchwerliches Handwerk." Da erblickte er die herrliche Bauche mit

Value.

dem grünen Rasenhügel davor; und da sie nur wenige Schritte abseits vom Wege stand, legte er sich unter sie in's Gras, um etwas auszuruhen. Doch der Baum hatte ein seltsames Rauschen, und wie er seine Zweige leise bewegte, ließ er bald hier, bald da einen feinen glitzernden Sonnenstrahl durchfallen und bald hier, bald da ein Stückchen blauen Himmel durchscheinen: da fielen ihm die Augen zu, und er schlief ein.

10 6. Put into German:—

He then showed him the evil Dreams, whom he sent to wicked men, in order to punish them for (*wegen*) their misdeeds (*Uebelthat*). Among the good and pleasant Dreams there was one in (the) shape of a pale young woman, who was sent early every evening to a poor sick lad, to play with him and console him for (*wegen*) the loss of his mother, who was dead. Suddenly George caught-sight-of (*erblicken*) a Dream, whom he at once recognized as the lovely princess who had given him the beautiful roses. He declared to the king that he would never leave his princess, for he loved her so much (*sehr*), that he could not live without her.

10 7. Translate:—

„Es scheint mir," fuhr Frau Klein fast nachdenklich fort, „daß das christliche Ideal zu Weihnachten wenigstens fast überall in Deutschland verwirklicht wird. Wenn man kurz vor dem Fest durch manche Straßen geht, die mit einem Wald von kleinen Tannenbäumen besetzt sind, denkt man bei sich, diese unzähligen Bäume sollen Christbäume in unzähligen Familien werden. Dann denkt man an den heiligen Abend und die Schar der fröhlichen Kindergesichter, die um den hellen schimmernden Baum stehen mit frischen, klaren Stimmen und ‚Stille Nacht, heilige Nacht' singen. Und wenn ich mir vorstelle, daß fast alle Eltern und Kinder weit und breit im deutschen Vaterland zu derselben Zeit dieses Lied anstimmen, so muß ich an das Gute im Menschen und an die Zukunft unseres Vaterlandes glauben. Wenn ich Schwarzseher über die schlimmen Zeiten und den moralischen Verfall reden höre, möchte ich sie bitten, an den heiligen Abend zu denken, den sie dieses Jahr zu Hause verleben werden und in vergangenen Jahren verlebt haben."

10 8. Beantworten Sie folgende Fragen auf Deutsch:—

(1.) Was ist die eigentliche Bedeutung des Wortes Reichstag?
(2.) Weshalb ist Weimar berühmt?
(3.) Wie begrüßt man einen, der Geburtstag hat?
(4.) Welche Länder grenzen an Deutschland?
(5.) Warum heißt Luther der Reformator?

10 9. Translate:—

Bolz (lächelnd). Ich bin Journalist geworden, gnädiges Fräulein.

Adelheid. Das ist Ihr Freund auch.

Bolz. Nur so nebenbei, ich aber gehöre zur Zunft. Wer dazu gehört, kann den Ehrgeiz haben, witzig oder bedeutend zu schreiben; was darüber hinausgeht, ist nicht für uns.

Adelheid. Nicht für Sie?

Bolz. Dazu sind wir zu flüchtig, zu unruhig und zerstreut.

Adelheid. Ist das Ihr Ernst, Konrad?

Bolz. Mein völliger Ernst. Warum soll ich mich Ihnen anders zeigen, als ich bin? Wir Zeitungsschreiber füttern unsern Geist mit Tagesneuigkeiten, wir müssen alle Gerichte, welche Satan für die Menschen kocht, in den allerkleinsten Bissen durchkosten, darum müssen Sie uns schon etwas zu Gute

Value.

halten. Der tägliche Aerger über das Verfehlte und Schlechte, die ewigen kleinen Aufregungen über alles Mögliche, arbeitet in dem Menschen. Im Anfange ballt man die Faust, später gewöhnt man sich darüber zu spotten. Wer immer für den Tag arbeitet, ist es bei dem nicht auch natürlich, daß er in den Tag hinein lebt?

Adelheid (unruhig). Das ist ja traurig!

Bolz. Im Gegentheil, Es ist ganz lustig. Wir summen wie die Bienen, durchfliegen in Geist die ganze Welt, saugen Honig, wo wir ihn finden, und stechen, wo uns etwas mißfällt—Ein solches Leben ist nicht gerade gemacht, große Heroen zu bilden, es muß aber auch solche Käuze geben, wie wir sind.

10 10. Translate:—

As the whole staff is present, I recommend you to look through an article in the Coriolanus which states on the best authority that the proprietorship of the Union is to be transferred to a new publisher. How do you enjoy hearing that our paper is henceforth to be greeted as an ally by Senden's party?

Senior Academic Grade.

ENGLISH LITERATURE. (Time, 3 hours.)

Value.

10 1. Give examples of dramatic irony from "Macbeth" and "Julius Caesar."

10 2. Consider the unity of "Julius Caesar."

10 3. Point out resemblances in construction between "Macbeth" and "Julius Caesar."

10 4. Is it possible to find in Macbeth (the man) an illustration of the Greek conception of the ideal dramatic hero?

12 5. Comment on the setting, the plot, and the characterization of "The Vicar of Wakefield" with a view to determining Goldsmith's strength and weakness as a novelist.

12 6. What reasons can you give for Carlyle's admiration for Dante and Cromwell?

12 7. Examine in some detail the characteristics of Pope's technique and diction.

12 8. Indicate Ruskin's method of discussing Art, War, Education.

12 9. Outline the growth of the pre-Shakespearean drama in England.

LATIN. (Time, 3 hours.)

A.

1. Translate:—

Ac plerique suam ipsi vitam narrare fiduciam potius morum quam arrogantiam arbitrati sunt, nec id Rutilio et Scauro citra fidem aut obtrectationi fuit; adeo virtutes iisdem temporibus optime aestimantur, quibus facillime gignuntur. At nunc narraturo mihi vitam defuncti hominis venia opus fuit; quam non petissem incusaturus tam saeva et infesta virtutibus tempora.

(*a.*) Discuss the attitude of Tacitus to the age in which he lived.

2. Translate:—

Nec Agricola umquam in suam famam gestis exsultavit; ad auctorem ac ducem ut minister fortunam referebat. Ita virtute in obsequendo, verecundia in praedicando extra invidiam nec extra gloriam erat.

3. Translate:—

Haec primo statim anno comprimendo egregiam famam paci circumdedit, quae vel incuria vel intolerantia priorum haud minus quam bellum timebatur. Sed ubi aestas advenit, contracto exercitu multus in agmine, laudare modestiam, disiectos coërcere; loca castris ipse capere, aestuaria ac silvas ipse praetentare; et nihil interim apud hostes quietum pati, quominus subitis excursibus popularetur.

(*a.*) What were the abuses referred to?

4. Translate:—

An eandem Romanis in bello virtutem quam in pace lasciviam adesse creditis? Nostris illi dissensionibus ac discordiis clari vitia hostium in gloriam exercitus sui vertunt; quem contractum ex diversissimis gentibus ut secundae res tenent, ita adversae dissolvent, nisi Gallos et Germanos et (pudet dictu) Britannorum plerosque, licet dominationi alienae sanguinem commodent, diutius tamen hostes quam servos, fide et affectu teneri putatis.

5. Translate:—

Ceterum ubi compositos firmis ordinibus sequi rursus videre, in fugam versi non agminibus, ut prius, nec alius alium respectantes; rari et vitabundi invicem longinqua atque avia petiere.

6. Translate:—

Igitur triumphalia ornamenta et illustris statuae honorem, et quicquid pro triumpho datur, multo verborum honore cumulata, decerni in senatu iubet, addique insuper opinionem Syriam provinciam Agricolae destinari, vacuam tum morte Atilii Rufi consularis et maioribus reservatam.

7. Translate:—

Sciant, quibus moris est illicita mirari, posse etiam sub malis principibus magnos viros esse, obsequiumque ac modestiam, si industria ac vigor assint, eo laudis excedere, quo plerique per abrupta, sed in nullum rei publicae usum, ambitiosa morte inclaruerunt.

(*a.*) Who are glanced at in this passage?

8. What report does Tacitus give of the administration of Domitian and of his own position under Domitian?

B.

1. Translate:—

Motum ex Metello consule civicum
bellique causas et vitia et modos
ludumque Fortunae gravesque
principum amicitias et arma.

nondum expiatis uncta cruoribus,
periculosae plenum opus aleae,
tractas et incedis per ignes
suppositos cineri doloso.

(*a.*) Whom does Horace address? What is the occasion? What the dangers alluded to?

2. Translate:—

unde si *Parcae* prohibent iniquae,
dulce *pellitis* ovibus *Galaesi*
flumen et *regnata* petam Laconi
rura *Phalantho*.

(*a.*) Write a note, other than grammatical, on *Parcae*, *pellitis*, *Galaesi*, *Phalantho*. Comment upon the voice of *regnata;* the case of *Phalantho*.

3. Translate:—

dum flagrantia detorquet ad oscula
cervicem aut facili saevitia negat,
quae *poscente* magis *gaudeat* eripi,
interdum rapere occupet.

(*a.*) Account for the case of *poscente;* the mood of *gaudeat*.

4. Translate:—

absint inani funere neniae
luctusque turpes et querimoniae;
compesce clamorem ac sepulcri
mitte supervacuos honores.

5. Translate:—

quod si dolentem nec Phrygius lapis
nec purpurarum sidere *clarior*
delenit usus nec Falerna
vitis Achaemeniumque costum,

cur invidendis postibus et novo
sublime ritu moliar atrium?
cur valle permutem Sabina
divitias operosiores?

(*a.*) Remark on the agreement of *clarior.*

6. Translate:—

Martiis *caelebs* quid agam Kalendis,
quid velint flores et acerra thuris
plena, miraris, positusque carbo in
caespite vivo,
docte sermones *utriusque linguae?*

(*a.*) Write a note, other than grammatical, on *caelebs, utriusque linguae.*

7. Translate:—

nescit equo rudis
haerere ingenuus puer
venarique timet, ludere doctior,
seu Graeco iubeas trocho
seu malis vetita legibus alea,
cum periura patris fides,
consortem socium fallat et hospitem
indignoque pecuniam
heredi properet.

(*a.*) What is the general aim of the ode from which these lines are taken? With what other odes is it naturally associated?

8. How far was Horace the spokesman of the Imperial programme?

9. Translate into Latin:—

The natives made no attempt to renew the war while Agricola remained in Britain. We have very little knowledge of what happened in the province after his recall, but the fact that a wall was built from sea to sea leads us to suppose that future governors thought they had done enough if they defended the country on their own side of the wall without completing the conquest of the island.

GREEK. (Time, 3 hours.)

Value.

26 1. Translate:—

Ἤτοι ὅ γ' ὣς εἰπὼν κατ' ἄρ' ἕζετο, τοῖσι δ' ἀνέστη
ἥρως Ἀτρεΐδης εὐρὺ κρείων Ἀγαμέμνων
ἀχνύμενος· μένεος δὲ μέγα φρένες ἀμφιμέλαιναι
πίμπλαντ', ὄσσε δέ οἱ πυρὶ λαμπετόωντι ἐΐκτην·
Κάλχαντα πρώτιστα κάκ' ὀσσόμενος προσέειπε·
"μάντι κακῶν, οὐ πώ ποτέ μοι τὸ κρήγυον εἶπας·
αἰεί τοι τὰ κάκ' ἐστὶ φίλα φρεσὶ μαντεύεσθαι,
ἐσθλὸν δ' οὔτε τί πω εἶπας ἔπος οὔτ' ἐτέλεσσας·
καὶ νῦν ἐν Δαναοῖσι θεοπροπέων ἀγορεύεις
ὡς δὴ τοῦδ' ἕνεκά σφιν ἑκηβόλος ἄλγεα τεύχει,
οὕνεκ' ἐγὼ κούρης Χρυσηΐδος ἀγλαὰ ἄποινα
οὐκ ἔθελον δέξασθαι, ἐπεὶ πολὺ βούλομαι αὐτὴν
οἴκοι ἔχειν· καὶ γάρ ῥα Κλυταιμνήστρης προβέβουλα
κουριδίης ἀλόχου, ἐπεὶ οὔ ἑθέν ἐστι χερείων,
οὐ δέμας οὐδὲ φυήν, οὔτ' ἄρ φρένας οὔτε τι ἔργα.

Value.

(*a.*) Scan the third and fourth lines.

(*b.*) Give Attic equivalents of *αἰεί* (l. 7), *Δαναοῖσι* (l. 9), *ἐθέν* (l. 14).

(*c.*) Explain the case of *μένεος* (l. 3), and the use of *ἀμφί* (l. 3).

(*d.*) Parse *ἔἴκτην* (l. 4), and *οἱ* (l. 4).

(*e.*) *μαντεύεσθαι* (l. 7). What use of the infinitive is this?

(*f.*) What is *αὐτήν* (l. 12) contrasted with?

(*g.*) Explain case of *Κλυταιμνήστρης* (l. 13), *ἐθέν* (l. 14), *ἔργα* (l. 15).

14 2. Translate:—

Ὣς εἰπὼν ἐν χερσὶ τίθει, ὃ δ' ἐδέξατο χαίρων
παῖδα φίλην. τοὶ δ' ὦκα θεῷ κλειτὴν ἑκατόμβην
ἑξείης ἔστησαν ἐΰδμητον περὶ βωμόν,
χερνίψαντο δ' ἔπειτα καὶ οὐλοχύτας ἀνέλοντο.
τοῖσιν δὲ Χρύσης μεγάλ' εὔχετο χεῖρας ἀνασχών·
"κλῦθί μευ, ἀργυρότοξ', ὃς Χρύσην ἀμφιβέβηκας
Κίλλαν τε ζαθέην Τενέδοιό τε ἶφι ἀνάσσεις·
ἦμὲν δή ποτ' ἐμεῦ πάρος ἔκλυες εἰξαμένοιο,
τίμησας μὲν ἐμέ, μέγα δ' ἴψαο λαὸν Ἀχαιῶν·
ἠδ' ἔτι καὶ νῦν μοι τὸ δ' ἐπικρήηνον ἐέλδωρ·
ἤδη νῦν Δαναοῖσιν ἀεικέα λοιγὸν ἄμυνον."

(*a.*) Who is meant by *παῖδα* (l. 2) and *θεῷ* (l. 2).

(*b.*) Parse *ἄμυνον* (l. 11), and explain the dative *Δαναοῖσιν* (l. 11).

21 3. Translate:—

Καὶ *ἡμεῖς ἠρόμεθα τίνες τε εἶεν οἱ πολέμιοι καὶ τὴν αἰτίαν τῆς διαφορᾶς· ὁ δέ, "Φαέθων," φησίν, "ὁ τῶν ἐν τῷ ἡλίῳ κατοικούντων βασιλεύς, (οἰκεῖται γὰρ δὴ κἀκεῖνος, ὥσπερ καὶ ἡ Σελήνη) πολὺν ἤδη πρὸς ἡμᾶς πολεμεῖ χρόνον. ἤρξατο δὲ ἐξ αἰτίας τοιαύτης· τῶν ἐν τῇ ἀρχῇ τῇ ἐμῇ ποτε τοὺς ἀπορωτάτους συναγαγὼν ἐβουλήθην ἀποικίαν ἐς τὸν Ἑωσφόρον στεῖλαι, ὄντα ἔρημον καὶ ὑπὸ μηδενὸς κατοικούμενον· ὁ τοίνυν Φαέθων φθονήσας ἐκώλυσε τὴν ἀποικίαν, κατὰ μέσον τὸν πόρον ἀπαντήσας ἐπὶ τῶν Ἱππομυρμήκων. τότε μὲν οὖν νικηθέντες (οὐ γὰρ ἦμεν ἀντίπαλοι τῇ παρασκευῇ) ἀνεχωρήσαμεν· νῦν δὲ βούλομαι αὖθις ἐξενεγκεῖν τὸν πόλεμον, καὶ ἀποστεῖλαι τὴν ἀποικίαν. ἢν οὖν ἐθέλητε, κοινωνήσατέ μοι τοῦ στόλου· γῦπας δὲ ὑμῖν ἐγὼ παρέξω τῶν βασιλικῶν ἕνα ἑκάστῳ καὶ τὴν ἄλλην ὅπλισιν. αὔριον δὲ ποιησόμεθα τὴν ἔξοδον." "Οὕτως," ἔφην ἐγώ, "γιγνέσθω, ἐπειδή σοι δοκεῖ." τότε μὲν οὖν παρ' αὐτῷ ἐστιαθέντες ἐμείναμεν· ἕωθεν δὲ διαναστάντες ἐταττόμεθα· καὶ γὰρ οἱ σκοποὶ πλησίον εἶναι ἐσήμαινον τοὺς πολεμίους.*

(*a.*) Parse *ἐξενεγκεῖν*; explain case of *στόλου*.

(*b.*) Explain the use of the present tense *πολεμεῖ*. Is there a similar use of the present in Latin and French?

(*c.*) *ὑπὸ μηδενός*. A note on Lucian's use of the negative.

19 4. Translate:—

Περὶ *δὲ τὸ μεσονύκτιον ἀνεγρόμενος ὁ Μενέλαος, ἐπεὶ ἔμαθε τὴν εὐνὴν κενὴν τῆς γυναικός, βοήν τε ἴστη καὶ τὸν ἀδελφὸν παραλαβὼν ἦει πρὸς τὰ βασίλεια τοῦ Ῥαδαμάνθυος. ἡμέρας δ' ὑποφαινούσης ἔλεγον οἱ σκοποὶ καθορᾶν τὴν ναῦν πολὺ ἀπέχουσαν· οὕτω δὴ ἐμβιβάσας ὁ Ῥαδάμανθυς πεντήκοντα τῶν ἡρώων εἰς ναῦν μονόξυλον ἀσφοδελίνην παρήγγειλε διώκειν· οἱ δὲ ὑπὸ προθυμίας ἐλαύνοντες περὶ μεσημβρίαν καταλαμβάνουσιν αὐτούς, ἄρτι ἐς τὸν γαλακτώδη ὠκεανὸν ἐμβαίνοντας, πλησίον τῆς Τυροέσσης· παρὰ τοσοῦτον ἦλθον διαδρᾶναι· καὶ ἀναδησάμενοι τὴν ναῦν ἅλυσει ῥοδίνῃ κατέπλεον. ἡ μὲν οὖν Ἑλένη ἐδάκρυέ τε καὶ ᾐσχύνετο καὶ ἐνεκαλύπτετο· τοὺς δ' ἀμφὶ τὸν Κινύραν ἀνακρίνας πρότερον ὁ Ῥαδάμανθυς, εἴ τινες καὶ ἄλλοι αὐτοῖς συνίσασιν, ὡς οὐδένα εἶπον, ἀπέπεμψεν ἐς τὸν τῶν ἀσεβῶν χῶρον, μαλάχῃ πρότερον μαστιγωθέντας.*

Value.

(*a.*) Explain the genitives *γυναικός*, *ἡμέρας*, and parse *συνίσασιν*.

20 5. Translate into Greek :—

(*a.*) To him then made answer fleet-footed goodly Achilles, "Most noble son of Atreus, of all men most covetous, how shall the great-hearted Achaians give thee a meed of honour?"

(*b.*) We passed on our way many countries and actually landed on Lucifer, now in process of settlement, to water. We then entered the Zodiac and passed the sun on the left, coasting close by it. My crew were very desirous of landing but the wind would not allow of this.

FRENCH (Corneille, Souvestre). (Time, 3 hours.)

(Prière de répondre en français.)

10 1. Traduire :—

DON RODRIGUE.

Oui ; tout autre que moi
Au seul bruit de ton nom pourrait trembler d'effroi.
Les palmes dont je vois ta tête si couverte
Semblent porter écrit le destin de ma perte.
J'attaque en téméraire un bras toujours vainqueur ;
Mais j'aurai trop de force, ayant assez de cœur.
A qui venge son père il n'est rien impossible.
Ton bras est invaincu, mais non pas invincible.

LE COMTE.

Ce grand cœur qui paraît aux discours que tu tiens,
Par tes yeux, chaque jour, se découvrait aux miens ;
Et croyant voir en toi l'honneur de la Castille,
Mon âme avec plaisir te destinait ma fille.
Je sais ta passion, et suis ravi de voir
Que tous ses mouvements cèdent à ton devoir ;
Qu'ils n'ont point affaibli cette ardeur magnanime ;
Que ta haute vertu répond à mon estime ;
Et que voulant pour gendre un cavalier parfait,
Je ne me trompais point au choix que j'avais fait ;
Mais je sens que pour toi ma pitié s'intéresse ;
J'admire ton courage, et je plains ta jeunesse.
Ne cherche point à faire un coup d'essai fatal ;
Dispense ma valeur d'un combat inégal ;
Trop peu d'honneur pour moi suivrait cette victoire :
A vaincre sans péril, on triomphe sans gloire.
On te croirait toujours abattu sans effort ;
Et j'aurais seulement le regret de ta mort.

10 2. Commentez les expressions en italiques et faites-en clairement ressortir le sens.

10 3. Traduisez les lignes suivantes, et commentez les mots en italiques au point de vue de leur signification d'alors et de leur sens actuel :—

(*a.*) Je mis, au lieu de moi, Chimène en ses liens,
Et j'allumai leurs *feux* pour éteindre les miens.

(*b.*) Mon cœur outré *d'ennuis* n'ose rien espérer.

(*c.*) Sire, ainsi ces cheveux blanchis sous le *harnois*
Descendaient au tombeau tous chargés d'infamie.

Value.

(*d.*) Immolez donc ce *chef* que les ans vont ravir.

(*c.*) Que Votre Majesté, Sire, épargne ma *honte*.
D'un si faible service elle fait trop de conte.

10 4. On a appelé le Cid une tragi-comédie. Dites quels sont les traits comiques qui justifient ce titre.

10 5. Traduire:—

Félix.

Te dirai-je un penser indigne, bas et lâche?
Je l'étouffe, il renaît; il me flatte et me fâche:
L'ambition toujours me le vient présenter,
Et tout ce que je puis, c'est de le détester.
Polyeucte est ici l'appui de ma famille;
Mais si, par son trépas, l'autre épousoit ma fille,
J'acquerrois bien par là de plus puissans appuis,
Qui me mettroient plus haut cent fois que je ne suis.
Mon cœur en prend par force une maligne joie:
Mais que plutôt le ciel à tes yeux me foudroie,
Qu'à des pensers si bas je puisse consentir,
Que jusque-là ma gloire ose se démentir!

Albin.

Votre cœur est trop bon, et votre âme trop haute.
Mais vous résolvez-vous à punir cette faute?

Félix.

Je vais dans la prison faire tout mon effort
A vaincre cet esprit par l'effroi de la mort;
Et nous verrons après ce que pourra Pauline.

Albin.

Que ferez-vous enfin, si toujours il s'obstine?

Félix.

Ne me presse point tant; dans un tel déplaisir
Je ne puis que résoudre, et ne sais que choisir.

10 6. Montrez que les vers qui précèdent dévoilent le véritable caractère de Félix.

10 7. La tragédie classique française est un drame psychologique. Montrez comment on peut, de ce caractère fondamental, tirer tous les autres caractères, notamment la règle des unités.

10 8. Traduire:—

Vous le voyez, dit-il, avec la misanthropique amertume que ses derniers malheurs lui avaient donnée, Jean-Jacques ne peut même se cacher: objet de curiosité pour les uns, de malignité pour les autres, il est pour tous une *chose* publique que l'on se montre au doigt. Encore s'il ne s'agissait que de subir l'indiscrétion des oisifs! mais, dès qu'un homme a eu le malheur de se faire un nom, il appartient à tous; chacun fouille dans sa vie, raconte ses moindres actions, insulte à ses sentiments; il devient semblable à ces murs que tous les passants peuvent souiller d'une injurieuse inscription. Vous direz peut-être que j'ai moi-même favorisé cette curiosité en publiant mes *Mémoires*. Mais le monde m'y avait forcé: on regardait chez moi par les fentes, et l'on me calomniait; j'ai ouvert portes et fenêtres, afin qu'on me connût, du moins, tel que je suis. Adieu, monsieur; rappelez-vous toujours que vous avez vu Rousseau pour savoir ce que c'est que la célébrité.

Value.

20 9. Traduire:—

Near Uncle Maurice's house, in the suburb where the poor workmen lodged, lived a young girl called Toinette. She was pale and silent; she never spoke to any one; she never sang. A dull depression wrapped her round as with a winding sheet.

Uncle Maurice made her acquaintance in the following way: He learnt that the tradesmen of the neighbourhood could no longer give the young girl credit. Her work had stopped, her needle no longer fed her. The uncle promised to pay for everything. When she discovered this, the poor girl's heart was filled with gratitude.

Toinette was now his sister. He hoped that she would consent to be his wife, and one day he resolved to speak to her. When he came to her attic he heard a strange voice. Her betrothed, a young sailor, had just returned from a long journey, and she was leaning on his shoulder, weeping.

Uncle Maurice understood all. He returned, alone and resigned, to his old house in the suburb.

FRENCH (Molière, Voltaire, Hugo). (Time, 3 hours.)

(Prière de répondre en français.)

10 1. Traduire:—

Fro. Je vois bien que, pour mourir agréablement, Harpagon n'est pas le supplice que vous voudriez embrasser; et je connais à votre mine, que le jeune blondin dont vous m'avez parlé vous revient un peu dans l'esprit.

Mar. Oui. C'est une chose, Frosine, dont je ne veux pas me défendre; et les visites respectueuses qu'il a rendues chez nous, ont fait, je vous l'avoue, quelque effet dans mon âme.

Fro. Mais avez-vous su quel il est?

Mar. Non; je ne sais point quel il est. Mais je sais qu'il est fait d'un air à se faire aimer; que, si l'on pouvait mettre les choses à mon choix, je le prendrais plutôt qu'un autre, et qu'il ne contribue pas peu à me faire trouver un tourment effroyable dans l'époux qu'on veut me donner.

Fro. Mon Dieu! tous ces blondins sont agréables, et débitent fort bien leur fait; mais la plupart sont gueux comme des rats; il vaut mieux, pour vous, de prendre un vieux mari qui vous donne beaucoup de bien. Je vous avoue que les sens ne trouvent si bien leur compte du côté que je dis, et qu'il y a quelques petits dégoûts à essuyer avec un tel époux; mais cela n'est pas pour durer; et sa mort, croyez-moi, vous mettra bientôt en état d'en prendre un plus aimable, qui réparera toutes choses.

10 2. Montrer comment Molière s'y prend pour rendre Harpagon ridicule;

ou,

Parler de la vie de famille au XVII^e^ siècle telle qu'on l'observe dans l'Avare.

10 3. Traduire les expressions suivantes et les expliquer au besoin:—

(1.) Quand vous m'aurez ouï, vous verrez que le mal n'est pas si grand que vous le faites. (2.) On ne saurait aller nulle part, où l'on ne vous entende accomoder de toutes pièces. (3.) On nous jette cent brocards à votre sujet et l'on n'est point plus ravi que de vous tenir au cul et aux chausses. (4.) Il est d'une turquerie à désespérer tout le monde, et l'on pourrait crever qu'il n'en branlerait pas. (5.) Faites semblant de consentir à ce qu'il veut, vous en viendrez mieux à vos fins.

Value.

10 4. Traduire:—

Quant aux deux filles de M. Gillenormand, nous venons d'en parler. Elles étaient nées à dix ans d'intervalle. Dans leur jeunesse, elles s'étaient fort peu ressemblé, et, par le caractère comme par le visage, avaient été aussi peu sœurs que possible. La cadette était une charmante âme tournée vers tout ce qui est lumière, occupée de fleurs, de vers et de musique, envolée dans des espaces glorieux, enthousiaste, éthérée, fiancée dès l'enfrance dans l'idéal à une vague figure héroïque. L'aînée avait aussi sa chimère; elle voyait dans l'azur un fournisseur, quelque bon gros munitionnaire bien riche, un mari splendidement bête, un million fait homme, ou bien un préfet; les réceptions de la préfecture, un huissier d'antichambre chaîne au cou, les bals officiels, les harangues de la mairie, être "madame la préfète," cela tourbillonnait dans son imagination. Les deux sœurs s'égaraient ainsi, chacune dans son rêve, à l'époque où elles étaient jeunes filles. Toutes deux avaient des ailes, l'une comme un ange, l'autre comme une oie.

10 5. Racontez les circonstances qui accompagnèrent la mort de Jean Valjean;

ou,

On a appelé Les Misérables un roman social. Que pensez-vous de cette définition?

10 6. Reproduire:—

At the judicial inquest it appeared that a big sou, cut and worked in a peculiar fashion, was found in the garret. It was one of those marvels of labour which the patience of the galleys produces in the darkness . . . . marvels which are nothing but instruments of escape. These hideous and delicate products of a wonderful art are to jewellery what the metaphors of argot are to poetry.

10 7. Traduire:—

Un jour que le roi dictait des lettres pour la Suède à un secrétaire, une bombe tomba sur la maison, perça le toit, et vint éclater près de la chambre même du roi; la moitié du plancher tomba en pièces; le cabinet où le roi dictait, étant pratiqué en partie dans une grosse muraille, ne souffrit point de l'ébranlement, et, par un bonheur étonnant, nul des éclats qui sautaient en l'air n'entra dans ce cabinet, dont la porte était ouverte. Au bruit de la bombe et au fracas de la maison qui semblait tomber, la plume échappa des mains du secrétaire: "Qu'y-a-t-il donc? lui dit le roi d'un air tranquille; pourquoi n'écrivez-vous pas?" Celui-ci ne put répondre que ces mots: "Eh, sire, la bombe!—Eh bien! reprit le roi, qu'a de commun la bombe avec la lettre que je vous dicte? Continuez."

10 8. Décrire le caractère de Pierre-le-Grand, faisant ressortir les qualités qui firent la grandeur de ce monarque.

20 9. Reproduire:—

One day, when King Charles the Ninth was riding near Leipzig, a Saxon peasant came and threw himself to his feet, demanding justice, and accusing a grenadier of having deprived him of what was intended for his family's dinner. The king sent for the soldier: "Is it true," he said with a severe countenance, "that you have robbed this man?"—"Sire," replied the soldier, "I have not done him as much harm as your majesty has done to his master; you deprived him of a kingdom, and I have taken but a turkey from this boor." The king gave ten ducats to the peasant, and forgave the soldier on account of the boldness of his repartee. "Remember, my friend," he said to him, "that if I have deprived King Augustus of a kingdom, I have taken nothing of it for myself."

GERMAN. (Time, 3 hours.)

Value.

10 1. (*a.*) Ins Englische zu übersetzen:—

Von Piple Chateau, dem früheren Sitz der Pompadour, damals dem in Paris in der Mobilgarde dienenden Bankier Hottinguer gehörig, dessen Frau, die Tochter des Frankfurter Bethmann, vor ihren eignen Landsleuten sich nach Tours geflüchtet, machte ich bis zum Aufbruch meine Besuche in den Nachbarschlössern Gros-Bois und Erzay, Besitztümer des Fürsten von Wagram und des Ex-Ministers und Vizekaisers Rouher, der in eiliger Flucht sein Archiv neuer und neuester Aktenstücke zurückgelassen. Als ich das Haus Rouhers betrat, waren wohl schon unsre Vorposten darin gewesen, doch war es geschont worden; es stand jetzt leer. Zu meiner Überraschung fand ich in dem Archiv Aktenstücke des Staatsrats ganz neuen Datums, darunter einige, die ein interessantes Licht auf verschiedne diplomatische, Deutschland betreffende Vorgänge warfen, namentlich ein Schreiben des bekannten hessischen Ministers von Dalwig aus dem Jahre 1867, in welchem er Napoleon versicherte, Deutschland werde ihn mit offnen Armen empfangen.

10 (*b.*) Translate:—

(1.) After a brave defence our troops retreated with a loss of two officers and sixty men. (2.) At half past nine in the morning there happened what we had daily expected. (3.) On my arrival at Rheims I saw large placards on the walls which described us as barbarians. (4.) Although we were allowed to leave the town with a permit, we were not allowed in. (5.) It is evident that we have to deal with an excellently organized and well equipped army.

10 (*c.*) Put into German:—

Our batteries had resisted a last attack, the victory was ours, and the whole road to Paris was in our hands. In the early morning of the next day there was no longer a French "army of the Rhine." The investment of Metz began that morning without delay. A ride over the battlefield caused me to over-estimate our losses; but they were great enough: 14,000 wounded in rank and file alone. And what a trouble it was to dig graves for all the dead in that hard chalky soil! In Gravelotte itself every house was a hospital, and still more wounded were arriving in whole wagon-loads.

20 2. (*a.*) Translate:—

„Mit dem Karl werde ich ein vernünftiges Wort sprechen," fuhr Herr Eckart fort. „Glaube mir, er wird einsehen, daß sein Verdruß kindisch ist. Ebenso wird er auch einsehen, daß ich mich nicht deiner Schrullen wegen lächerlich machen kann. Komm' her, Alte, gieb mir die Hand und denke nicht mehr an Fabrikant und Kommerzienrat. Meister und Frau Meisterin wollen wir bleiben, bis wir im Himmel einen Titel bekommen. Mein Handwerk halte ich hoch und lasse nichts darauf kommen. Und wenn ich auch als Fortschrittsmann mein Geschäft reformiert habe und mit Maschinen arbeite, so werde ich doch nie und nimmer meine Firma ändern. Ein Schneider bin ich, als Schneider will ich leben und als Schneider will ich sterben. Punktum."

Nach dem unterbrochenen Fest waren alle Beziehungen zwischen den beiden Familien abgebrochen worden. Marie war einige Tage ernstlich krank gewesen und nach ihrer Genesung von der Mutter in eine entfernte Stadt zu Verwandten gebracht worden. Sie sollte dort bleiben, bis Gras über den Skandal gewachsen war. Den Doktor Eckart hatte seine gewesene Zukünftige nicht wieder gesehen. Wenn die Kanzleirätin

Value.

einem Glied der Eckart'schen Familie begegnete, so that sie, als ob sie es nicht kenne, und der Kanzleirat ging jedem Zusammentreffen mit dem Doktor und dessen Vater ängstlich aus dem Weg; er war sogar aus der Harmoniegesellschaft ausgetreten.

10 (*b.*) Render freely into English, and comment if needed:—

Es schwebte ein Engel durch das Zimmer.—Alle Wetter!—Es wird sich geandert haben.—Es geht mir im Kopfe herum.—Präsident Johnson hat Fiasko gemacht.—Er dichtet mutig darauf los.—So und so hängen die Gurken.—Die Sache zog sich in die Länge.—Die Eierschalen mit sich herumschleppen.—Die Galle läuft mir über.

10 (*c.*) Translate:—

In the distant town where he had put in his year of training, the naughty boys had not heard of his father's business, and therefore did not know on what side to attack him. But in his native town he was not spared by the young rascals. One of them wrote a verse which he found on his desk, and at which he was very much nettled. He wanted to give the author a couple of good cuffs, but could not find him because all the scholars looked so innocent. This had happened daily since Easter, and he was, therefore, very angry. Had he ignored their taunts it would have been better for him.

15 3. (*a.*) Ins Englische zu übersetzen:—

Harry. Lieber Lothair — ich habe eine Einladung zu meinem Onkel Marsland — morgen gehen die Jagden an — meine Cousine hat mir einen reizenden Brief geschrieben — ich würde es auf immer verderben, wenn ich nicht kämme.

Lothair. Und ich soll für die Cousine ins Schuldgefängnis! — Ist sie wenigstens hübsch?

Harry. Reizend! — Mein Onkel ist reich — ich nehme den geeigneten Moment wahr — beichte — eile auf einen Tag her — öffne die Pforten deines Kerkers — wir fliegen uns in die Arme. — Schönes Bild!

Lothair. Sehr schön! — Aber es geht nicht — mein Onkel kommt — ich erwarte ihn jeden Augenblick.

Harry. Ist das der — der die fixe Idee hat —

Lothair. Daß ich toben soll — ja.

Harry. Vortrefflich — er kommt an — findet dich in Schuldturm.

Lothair. Und läßt mich direkt von dort ins Narrenhaus bringen, wenn er erfährt — daß ich sitze — damit du auf die Jagd gehen und Cour schneiden kannst. Wenn du kein besseres Rezept hast zum Toben — — —

Harry. Halt — ich helfe dir — mein Onkel hat sich einen neuen Bibliothekar engagiert — den ich mitbringen sollte. Den Mann lassen wir hier und du gehst so lange als Bibliothekar mit.

Lothair. Soll das getobt sein?

Harry. Es ist immerhin ein Anfang — hier in deinen vier Pfählen kommst du nie dazu — aber dort — vielleicht verliebst du dich — und wenn der Mensch verliebt ist — fängt er an Dummheiten zu machen — das Übrige kommt dann von selbst. Die Idee ist vortrefflich.

15 *b.*) Übertragen Sie folgende Ausdrücke ins Englische:—

Gebiete deinen Thränen.—Die Krapüle ist mir scheußlich.—Ich bin nicht bei Kasse.—Das ist meine schwache Seite.—Immer heraus mit der Sprache.—Ich müßte verrückt sein.—Lassen Sie die Heulerei, alte Schraube.—Steckt bis daher in Schulden.—Mir läuft das Wasser im Munde zusammen.—Das heißt schnell Feuer gefangen.—Aber er ist ganz verdreht.—Marsland mag ihn in die Schule nehmen.—Das muß sie sich aus dem Sinn schlagen.—Ich habe das Leben auf die leichte Achsel genommen.

EDUCATION. (Time, 2 hours.)

Value.

15 1. State briefly the duties of a teacher in regard to:—

(*a.*) Absence from school (i) of the teacher, (ii) of the pupil.

(*b.*) Hours of attendance at school (i) of the teacher, (ii) of the pupil.

(*c.*) Correctness of returns to Education Department.

(*d.*) Health Act.

Explain recent changes in vacations and in payment of teachers.

10 2. Classify the schools, and state what assistance is given by the Provincial Government to the respective classes of schools.

10 3. What are the regulations regarding compulsory attendance? What excuses are valid for non-attendance?

15 4. Outline briefly a lesson to a Junior class, on the Continent of South America; to an Intermediate, on Products of Africa; to a Senior, on the Political divisions of Europe in 1914.

15 5. What are the chief difficulties in teaching expressive reading in the Intermediate Grade? How would you overcome these?

15 6. Discuss the place and educational value of Memorization, Drill, and Literature as school subjects.

10 7. Write briefly on any *one* of the following:—

(*a.*) The tendency of to-day is to make our education more practical.

(*b.*) The teacher should endeavour to trace the influence of distant movements on the life and history of the present day.

10 8. Discuss the following statement:—

"The aim of education is to fit the child to his physical and social environment through the appropriation of the experience of previous generations."

University Matriculation (Junior).

English Composition. (Time, 2 hours.)

Value.

24 1. (1.) "I have always preferred cheerfulness to mirth. (2.) The latter I consider an act, the former a habit of the mind. (3.) Mirth is short and transient, cheerfulness fixed and permanent. (4.) Those are often raised into the highest transports of mirth, who are subject to the greatest depressions of melancholy. (5.) On the contrary, cheerfulness, though it does not give the mind such an exquisite gladness, prevents us from falling into any depths of sorrow. Mirth is like a flash of lightning that breaks through a gloom of clouds, and glitters for a moment; cheerfulness keeps up a kind of daylight in the mind, and fills it with a steady and perpetual serenity."

(*a.*) Comment briefly on the structure of sentences 2, 3, and 4.

(*b.*) Why is the normal sentence order departed from in sentence 2?

(*c.*) What quality of paragraph construction (other than unity) does this extract strikingly illustrate? Give reasons for your answer.

(*d.*) What methods of exposition are used in this paragraph?

(*e.*) "Cheerfulness keeps up a kind of daylight," etc. What figure of speech is used?

(*f.*) Point out with precision how *force* of style is attained in this paragraph.

20 2. Write a full and carefully constructed paragraph of not more than one page on *one* of the following:—

The character of Lynette.
The friendship of Rosalind and Celia.
A crisis in The Great War.
The aeroplane in times of peace.

56 3. Write an essay of not less than two pages on *one* of the following:—

(*a.*) The English Countryside ("Sketch Book.").

(*b.*) "Whatsoever a man soweth, that shall he also reap" ("Silas Marner").

(*c.*) The influence of Varney upon the Earl of Leicester ("Kenilworth").

(*d.*) Southey's opinion of the French as it is reflected in his "Life of Nelson."

History. (Time, 2 hours.)

[*Answer* five *questions only.*]

20 1. Compare and contrast the civilization of Egypt with that of Assyria.

20 2. Trace the rise and decline of the Persian Empire from Cyrus I. to the death of Alexander the Great. To what extent did Alexander spread Greek culture in Persia and Egypt?

20 3. To what extent may the Cretans and the Phoenicians be considered as connecting-links between Asia and Europe?

20 4. Outline the chief events of importance in the history of Athens from the Persian Wars to the end of the Second Peloponnesian War.

20 5. Show how the power of the Roman Republic expanded (*a*) over Italy, (*b*) over the Mediterranean world. In what way did this expansion lead to the civil wars which finally brought about the triumph of Julius Caesar?

Value.

20 6. Account for the triumph of Christianity in the later Roman Empire and trace the rise of the Papacy until the death of Gregory the Great.

20 7. Give an estimate of the work and character of Charlemagne. Why did his Empire fall to pieces after his death?

20 8. What is meant by feudalism? Outline its leading features.

20 9. Sketch the development of the English people from the Norman Conquest to the end of the Hundred Years' War.

ALGEBRA. (Time, 2 hours.)

[N.B.—*All work must be shown. It must be neat and accurate.*]

10 1. (*a.*) When $a=2$, $b=3$, $c=1$, $q=4$, $r=6$, find the value of $5a^bc^r - 3^a2^b + 2^ra^5 - c^bb^q$.

(*b.*) Find the highest common factor of :—

$x(12x^3 - x^2 - 30x - 16)$ and $6x^3 - 2x^2 - 13x - 6$.

10 2. Simplify :—

(*a.*) $\dfrac{1+x^3}{1+2x+2x^2+x^3}$.

(*b.*) $\dfrac{\dfrac{a^2+x^2}{x} - a}{\dfrac{1}{x} - \dfrac{1}{a}} \times \dfrac{a^2-x^2}{a^3+x^3}$.

25 3. (*a.*) It costs \$50 at 1 cent per square foot to prepare a rectangular lawn and sow it with grass seed, and \$75 at 25 cents per foot to fence it. Find the length and width of the lawn.

(*b.*) Solve $\dfrac{x-a}{b-x} = \dfrac{x-b}{a-x}$.

(*c.*) Solve $(x+y)(m^2+l^2) = 2(m^3+l^3) + ml(x+y)$.

$$\frac{m}{l}x + \frac{l}{m}y = \left(\frac{1}{l} + \frac{1}{m}\right)(m^2+l^2).$$

15 4. (*a.*) Solve $\dfrac{4(x+2)}{3} - \dfrac{6(x-7)}{7} = 12$.

(*b.*) Solve $x^3+y^3 = 152$, $x^2y + xy^2 = 120$.

12 5. Factor :—

(*a.*) $a^2b + 3ab^2 - 3a^3 - b^3$.

(*b.*) $x^4 - 47x^2y^2 + y^4$.

(*c.*) $x^3 - \dfrac{4}{x}$.

12 6. (*a.*) Simplify $(a^{n^2-1})^{\frac{n}{n+1}} + \dfrac{\sqrt[n]{a^{2n}}}{a}$.

(*b.*) Divide $21x + x^{\frac{2}{3}} + x^{\frac{1}{3}} + 1$ by $3x^{\frac{1}{3}} + 1$.

[Note.—*Candidates will work* either *of the questions numbered 7, but* not both.]

Value.

16 7. (*a.*) Find the square root of $3\sqrt{5}+\sqrt{40}$.

(*b.*) Find the value of $\frac{\sqrt{a}}{\sqrt{a}-\sqrt{x}} \div \frac{\sqrt{a}+\sqrt{x}}{\sqrt{x}}$.

(*c.*) Solve $\sqrt[3]{1+x}+\sqrt[3]{1-x}=\sqrt[3]{2}$.

Or

16 7. (*a.*) What are the co-ordinates of the origin? What is the abscissa of every point on the axis of y? What is the graph of all points which have the same ordinate?

(*b.*) Draw the graph of $y=(x-1)(x-2)$, and find the minimum value of $(x-1)(x-2)$.

Botany. (Time, 2 hours.)

[*Questions are of equal value. Any* six *questions will constitute a full paper. Illustrate answers by use of diagrams where possible.*]

1. Write an account of the absorption of food materials by roots and leaves.

2. Write an account of the manufacture of food by leaves.

3. Write on the storage of food by roots, stems, and seeds.

4. Describe modifications in the form and structure of plants in relation to temperature or light intensity. Give specific examples.

5. Describe experiments to illustrate each of the following growth responses:—

(*a.*) Response to the force of gravity or geotropism.

(*b.*) Response to the presence of water or hydrotropism.

6. Name and briefly describe two algæ and two fungi. Compare the algæ with the fungi.

7. What important characteristic distinguishes Gymnosperms from Angiosperms? Give an example of each.

8. Name two genera belonging to Rosaceæ and two belonging to Compositæ. Describe a plant belonging to each of these families.

9. By means of what characters may plants be recognized as belonging to each of the following: Gramineæ, Salicaceæ, Leguminosæ?

Physics. (Time, 2 hours.)

[*Any* seven *questions constitute a full paper. All questions are of equal value.*]

1. A mass of 400 grams is acted on by a force of 2,000 dynes. If the body is free to move, find (1) the velocity at the end of 5 seconds, (2) the momentum generated in 5 seconds.

2. A mass of 6 pounds is hung from one end of a horizontal 6-foot rod and a mass of 4 pounds from the other. Neglecting the weight of the rod, find where the fulcrum must be placed in order to have the system in balance. Name three machines or instruments which are forms of the lever.

3. Describe the common suction or lift pump. Will it lift gasoline higher than water? Explain your answer.

4. Discuss the cause of waves on water. What are the characteristics of such wave motion?

5. A lead bullet of mass 12 grams had a temperature of 25° C. before striking the target and a temperature of 100° C. after impact. If the specific heat of lead be taken as 0.031, find how much heat the bullet gained.

6. What is the dew-point? How can it be found by experiment? What effect does the dew-point have upon the drying of clothes?

7. What effect does pressure have on the boiling-point of a liquid? Why? How can it be shown experimentally?

8. How could one determine roughly the velocity of sound in air? If we made determinations on different days throughout the year, would we get the same answer? Why?

9. If there are two steel wires of the same diameter, one of which has twice the length and four times the tension of the other, compare their vibration numbers.

10. A screen containing a pin-hole is placed 10 inches in front of another screen. If the pin-hole faces a landscape, what will be seen on the second screen? Explain the formation of the image. How high will an object 30 feet high and 100 feet distant appear to be on the screen?

11. Show how to get a pure spectrum. What can we learn from this about the colours of natural objects?

12. Draw the field of force about (*a*) a bar magnet, and (*b*) about two like poles placed near together.

13. What experimental reasons have we for speaking of two kinds of electrification?

14. Describe the D'Arsonval galvanometer.

15. The potential difference between the terminals of an incandescent lamp is 104 volts when ½ an ampere of current is passing through the lamp. What is the resistance?

LATIN GRAMMAR AND COMPOSITION. (Time, 2 hours.)

Value.

9 1. Write the ablative singular of *mare, liber* (a book), *fructus;* the genitive plural of *civis, civitas, res, quercus;* the accusative plural of *mare, flumen.*

12 2. Decline together in the singular *alius dies, haec spes, id corpus.*

6 3. Compare *facilis, bonus, multus, acer.*

10 4. Write the present subjunctive of *nolo;* the present indicative of *eo;* the present indicative active of *fero;* the future indicative active of *mitto;* the imperfect subjunctive of *sequor.*

15 5. Write the principal parts of *reperio, sumo, cognosco, defero, audeo, aggredior, desum, consisto, gero, do.*

12 6. Translate into Latin:—

At daybreak; to Rome; to Italy; with the utmost diligence; as swiftly as possible; without delay; five miles; the top of the mountain.

Value.

36 7. Translate into Latin:—

(*a.*) Caesar had to marshal his line of battle.

(*b.*) Diviciacus said that the Bellovaci had always been friends and allies of the Aedui.

(*c.*) He asked them what states were in arms.

(*d.*) He tried to storm this town because he had heard that it had no garrison.

(*e.*) The Britons sent envoys to Caesar to beg him to spare their towns.

(*f.*) Caesar was informed that all the forces of the enemy were encamped on the farther side of the river.

(*g.*) Caesar ordered the gates to be closed so that the townsmen might not be injured by the soldiers.

(*h.*) They were afraid that our army would be led against them.

LATIN AUTHORS AND SIGHT TRANSLATION. (Time, 2 hours.)

[*Candidates will answer A, B, and E;*
or *C, D, and E;*
or *B, C, and E.*]

A.

4 1. Translate:—

Dat negotium Senonibus reliquisque Gallis, qui finitimi Belgis erant, uti ea, quae apud eos *gerantur, cognoscant* seque de his rebus certiorem faciant.

(*a.*) Account for the mood of *gerantur, cognoscant.*

8 2. Translate:—

Cum finem oppugnandi nox fecisset, Iccius, Remus summa nobilitate et *gratia* inter suos, qui tum *oppido* praefuerat, unus ex iis, qui legati de pace ad Caesarem venerant, nuntium ad eum mittit; nisi subsidium sibi *submittatur*, sese diutius sustinere non *posse.*

(*a.*) Account for the case of *gratia, oppido;* the mood of *submittatur, posse.*

10 3. Translate:—

Ibi vadis repertis partem suarum copiarum traducere conati sunt eo *consilio*, ut, si possent, castellum, cui praeerat Quintus Titurius legatus, expugnarent pontemque interscinderent; si minus *potuissent*, agros Remorum *popularentur*, qui magno *nobis usui* ad bellum gerendum erant, *commeatu*que nostros prohiberent.

(*a.*) Account for the case of *consilio, nobis, usui, commeatu;* the mood of *potuissent, popularentur.*

5 4. Translate:—

Ubi prima impedimenta nostri exercitus ab his, qui in silvis abditi latebant, visa sunt, quod tempus inter eos committendi proelii convenerat, ita, ut intra silvas aciem ordinesque constituerant atque ipsi sese confirmaverant, subito omnibus copiis provolaverunt impetumque in nostros equites fecerunt.

8 5. Translate:—

Ubi vero moveri et adpropinquare moenibus viderunt, nova atque inusitata specie commoti legatos ad Caesarem de pace miserunt, *qui* ad hunc modum locuti: non existimare Romanos sine ope divina bellum gerere, qui tantae *altitudinis* machinationes tanta *celeritate* promovere *possent*, se suaque omnia eorum potestati permittere dixerunt.

(*a.*) Account for the case of *qui, altitudinis, celeritate;* the mood of *possent.*

Value.

B.

11 1. Translate:—

Me miserum! ne prona *cadas*, indignave laedi
crura notent sentes, et sim tibi causa doloris.
Aspera *qua* properas loca sunt. Moderatius, oro,
curre fugamque inhibe. Moderatius insequar ipse.
Cui placeas inquire tamen.

(*a.*) Account for the case of *me, qua, cui;* the mood of *cadas, placeas.*

10 2. Translate:—

'Tu ducibus Latiis aderis cum laeta *Triumphum*
vox canet et visent longas Capitolia pompas.
Postibus Augustis eadem fidissima custos
ante fores stabis mediamque tuebere *quercum.*
Utque meum intonsis caput est iuvenale capillis,
tu quoque perpetuos semper gere frondis honores.'

(*a.*) Write an explanatory (*not* grammatical) note on *Triumphum, quercum.*

(*b.*) Scan the last two lines.

4 3. Translate:—

facies non *omnibus* una,
nec diversa tamen; *qualem* decet esse sororum.

(*a.*) Account for the case of *omnibus, qualem.*

11 4. Translate:—

'Nec tu meus esse negari
dignus es, et Clymene veros' ait 'edidit ortus.
Quoque minus *dubites*, quodvis pete munus, ut illud
me tribuente *feras:* promissi *testis adesto*
dis iuranda palus, oculis incognita nostris.'

(*a.*) Account for the case of *me, testis, dis;* the mood of *dubites, feras, adesto.*

4 5. Translate:—

Fortunae cetera mando,
quae iuvet et melius quam tu tibi *consulat* opto.

(*a.*) Account for the mood of *consulat.*

5 6. Translate:—

'Si placet hoc, meruique, quid O tua fulmina cessant,
summe deum? *liceat* perituraе viribus ignis
igne perire tuo, clademque *auctore* levare.'

(*a.*) Account for the mood of *liceat;* show the force of *auctore.*

C. CAESAR, BOOKS IV. AND V.

7 1. Translate:—

Si tempus anni ad bellum gerendum deficeret, tamen magno *sibi usui fore* arbitrabatur, si modo insulam *adisset* et genus hominum perspexisset, loca, portus, aditus cognovisset.

(*a.*) Account for the case of *sibi, usui;* the mood of *fore, adisset.*

5 2. Translate:—

Caesar questus, quod, cum ultro in continentem legatis missis pacem ab se *petissent*, bellum sine causa *intulissent*, ignoscere imprudentiae dixit obsidesque imperavit.

(*a.*) Account for the mood of *petissent, intulissent.*

Value.

5 3. Translate:—

Caesar id, quod erat, suspicatus, aliquid novi a barbaris initum consilii, cohortes, quae in stationibus erant, secum in eam partem proficisci, duas ex reliquis in stationem succedere, reliquas armari et confestim sese subsequi jussit. Cum paulo longius a castris processisset, suos ab hostibus premi, atque aegre sustinere, et conferta legione ex omnibus partibus tela conjici animadvertit.

7 4. Translate:—

Percepta oratione eorum, Caesar obsides imperat eosque ad certum diem adduci jubet; nisi ita *fecerint*, sese bello civitatem persecuturum demonstrat. Iis ad diem adductis, ut imperaverat, arbitros inter civitates dat, qui litem *aestiment* poenamque constituant.

(*a.*) Account for the mood of *fecerint, aestiment.*

11 5. Translate:—

His aliquantum *itineris* progressis, cum jam extremi essent in prospectu, equites a Quinto Atrio ad Caesarem venerunt, qui *nuntiarent* superiore *nocte*, maxima coorta tempestate, prope omnes naves afflictas atque in litore ejectas esse, quod neque ancorae funesque subsisterent, neque nautae gubernatoresque vim pati tempestatis *possent:* itaque ex eo concursu navium magnum esse incommodum acceptum.

(*a.*) Account for the case of *itineris, nocte;* the mood of *nuntiarent, possent.*

D. Virgil, Book II.

17 1. Translate:—

et, si fata deum, si mens non laeva fuisset,
impulerat ferro Argolicas foedare latebras;
Trojaque nunc staret, Priamique arx alta, maneres.
ecce, *manus* juvenem interea post terga revinctum
pastores magno ad regem clamore trahebant
Dardanidae, qui se ignotum venientibus ultro,
hoc ipsum ut *strueret* Trojamque aperiret Achivis,
obtulerat, fidens *animi*, atque in utrumque paratus,
seu versare dolos, seu certae occumbere *morti.*

(*a.*) Comment upon the form of the conditional sentence.

(*b.*) Account for the case of *manus, animi, morti;* the mood of *strueret.*

(*c.*) Scan the fifth and sixth lines.

4 2. Translate:—

'hoc *Ithacus velit*, et *magno* mercentur *Atridae.*'

(*a.*) Who are meant by *Ithacus, Atridae?*

(*b.*) Account for the mood of *velit;* the case of *magno.*

4 3. Translate:—

et scelus expendisse merentem
Laocoonta ferunt, sacrum qui cuspide robur
laeserit, tergo sceleratam intorserit hastam.

(*a.*) Account for the mood of *laeserit.*

11 4. Translate:—

quos ubi confertos audere in proelia vidi,
incipio super his: 'juvenes, fortissima frustra
pectora, si vobis *audentem extrema* cupido
certa *sequi*, quae sit rebus fortuna videtis:
excessere omnes, adytis arisque relictis,
di, quibus imperium hoc steterat; succurritis urbi
incensae: *moriamur*, et in media arma ruamus.'

Value.

(*a.*) Account for the case of *extrema;* the mood of *moriamur.*

(*b.*) How would you translate if we read *audendi* for *audentem* and *sedet* for *sequi?*

9 5. Translate:—

limen erat caecaeque fores et pervius usus
tectorum inter se Priami, postesque relicti
a tergo, infelix qua se, dum regna manebant,
saepius Andromache ferre incomitata solebat
ad soceros, et avo puerum Astyanacta trahebat.

(*a.*) Write a note on the persons named.

E.

20 Translate at sight:—

Ex eo proelio circiter hominum centum et triginta milia superfuerunt, eâque totâ nocte continenter ierunt. Iter nullam partem noctis intermiserunt: die quarto in fines Lingonum pervenerunt: propter vulnera militum et propter sepulturam occisorum nostri triduum morati eos sequi non potuerunt. Caesar ad Lingonas litteras nuntiosque misit, ne eos frumento neve aliâ re iuvarent: qui si iuvissent, dixit, se eodem loco, quo Helvetios, habiturum. Ipse, triduo intermisso, cum omnibus copiis eos sequi coepit.

Helvetii omnium rerum inopiâ adducti legatos de deditione ad eum miserunt. Qui cum eum in itinere convenissent, se ad pedes proiecerunt, suppliciterque locuti flentes pacem petierunt: et cum eos in eo loco, quo tum essent, suum adventum exspectare iussisset, paruerunt.

GREEK. (Time, 2 hours.)

9 1. Write the dative plural of *νύξ, γέρων, νοῦς, ἀγών, πατήρ, ἀνήρ*; the accusative singular of *νύξ, ἡγεμών, χάρις, ἐλπίς*; the dative singular of *τράπεζα, νεανίας.*

14 2. Decline, giving all genders, *οὗτος, πᾶς,* in the singular; *χαρίεις* in the plural.

17 3. Write the aorist optative active and passive of *λύω*; the present subjunctive active of *τιμάω*; the present optative of *εἰμί*; the perfect indicative middle of *ἄγω, λείπω*; the imperfect indicative middle of *δηλόω*; second aorist indicative active of *ἔχω.*

6 4. Under what circumstances do you use the subjunctive, the optative, the particle *μή*?

13 5. Write the principal parts of *ἀκούω, γράφω, ἐλαύνω, λαμβάνω, λείπω, πράττω, τάττω, φεύγω.*

15 6. Translate into English:—

ἐντεῦθεν ἐξελαύνει διὰ τῆς Ἀραβίας, τὸν Εὐφράτην ποταμὸν ἐν δεξιᾷ ἔχων, σταθμοὺς ἐρήμους πέντε παρασάγγας τριάκοντα καὶ πέντε. ἐν τούτῳ δὲ τῷ τόπῳ ἦν ἡ γῆ πεδίον ἅπαν ὁμαλὸν ὥσπερ θάλαττα. θηρία δὲ παντοῖα ἐνῆν, ὄνοι ἄγριοι καὶ στρουθοὶ αἱ Ἀράβιαι· ἐνῆσαν δὲ καὶ ὠτίδες καὶ δορκάδες. ταῦτα δὲ τὰ θηρία οἱ στρατιῶται ἐνίοτε ἐδίωκον ἀπὸ ἵππου· καὶ τοὺς ὄνους χαλεπὸν ἦν λαμβάνειν· θᾶττον γὰρ τῶν ἵππων ἔτρεχον.

(*a.*) Account for the case of *σταθμούς, ὄνους, ἵππων.*

26 7. Translate into Greek:—

(*a.*) Why need they destroy these bridges?

(*b.*) Who is seeing to it that the soldiers receive pay?

(*c.*) They ask Cyrus for ships so that they may send away the peltasts.
(*d.*) If we had not done this, it would have been well.
(*e.*) The soldiers were afraid that they would be left behind.
(*f.*) If you send a guide, we will be grateful.
(*g.*) This I did that the enemy might not ravage the country.
(*h.*) There is danger that the enemy will march against them during the night.

French Translation. (Time, 2 hours.)

[N.B.—*Candidates should work slowly and revise carefully. Every sentence is framed to illustrate some point of grammar or syntax. Careless work entails serious loss of marks.*]

Value.

20 1. Translate (*see that your translation makes sense*) :—

Il faut savoir que Gudbrand avait une excellente femme, ce qui arrive quelquefois; mais ce qui est plus rare, c'est que Gudbrand connaissait le prix d'un pareil trésor. Aussi les deux époux vivaient-ils dans une paix profonde, jouissant de leur bonheur, sans s'inquiéter ni de la fortune ni des années. Tout ce que faisait Gudbrand, sa femme l'avait pensé et souhaité par avance, si bien que le bonhomme ne pouvait rien toucher, rien changer dans la maison sans que sa compagne ne le remerciât d'avoir deviné son désir.

2. Put into French :—

22 (*a.*) (1.) I speak French when I am in France. (2.) How is he?—He is better to-day. (3.) I have just spent an evening in Paris. (4.) Most of the Parisians like music. (5.) I should have stopped if I had been able to. (6.) He was thinking of dear old Paris. (7.) They were putting on their hats. (8.) During the last week I suffered a great deal. (9.) I cannot (savoir) go to sleep in (par) such weather. (10.) He was one of our best actors. (11.) His pronunciation was worse than last year.

18 (*b.*) (1.) Thousands of people had arrived and were filling the streets. (2.) They must be back now, unless they have run away. (3.) The view from the bridge is one of the finest I have ever beheld. (4.) A few minutes later Jean rushed into the room shouting. (5.) Hardly had they recovered from their emotion when (que) they began to laugh. (6.) When they had been seated for a few moments, a band began to play the Marseillaise.

40 3. Put into French, with great care and accuracy :—

One evening Jean took me to the Comédie Française. He had chosen this theatre because its (en) actors are the best in France, and because (que) French is spoken there better than anywhere else. He wanted me to form (se faire) an idea of the beauty and harmony of the language. In spite of my impatience a whole hour passed before our departure for the theatre. John was as happy as I, for they were playing one of Victor Hugo's finest dramas. Although I did not know the language perfectly, I succeeded in understanding without difficulty. The success of the piece was great and the actors were several times recalled by the applause. It was the finest evening of my stay in France.

FRENCH GRAMMAR. (Time, 2 hours.)

Value.

12 1. (*a.*) Give the feminine corresponding to:—
Le lion cruel; un gros tigre; un ours paresseux; un ouvrier attentif; un homme fier; un bon directeur.

12 (*b.*) The plural of:—
Le ciel bleu; un nouveau cheval; un beau portail; ce vieil homme; c'est un caillou; tout ce travail.

10 2. Repeat the following sentence ten times, inserting each time one of the words given below and making all necessary changes:—
Il a un livre.
(Plusieurs; beaucoup; bons; trop; bien; quelques; trop peu; la plupart; ne . . . que; une centaine.)

26 3. Give:—
(*a.*) The present indicative of:—
Bordeau en valait la peine.—Je m'assiérai sur la pelouse.—A peine pouvais-je voir l'Opéra.—Ils mouraient par milliers.
(*b.*) The imperative of:—
Vous vouliez le voir.—Tu le sais bien.—Me contredirez-vous?—Vous le disiez toujours.
(*c.*) The future of:—
Nous en voyons bien d'autres.—Vous allez peut-être à Versailles.—Ils ne savent pas où aller.—Je me pourvus d'une lorgnette.—Tu vois la collection.—Nous pouvons remonter l'avenue.
(*d.*) The present subjunctive, preceded by *il faudra*, of:—
Jean le voulait.—Nous l'avons fait.—Vous ne pouvez le voir.—Ils savent le français.
(*e.*) The past definite, preceded by *dès que*, of:—
Nous revenons de la revue.—Ils naîtront.—Nous pouvons franchir la Seine.—La musique se fait entendre.
(*f.*) The pluperfect indicative, preceded by *si*, of:—
Il mourut de misère.—Elle lui survivra.—La nature le pourvoit bien.—Henri ne s'assiéra pas.

12 4. Give the French for:—
It is they.—It is fine.—How hot it is!—Long live the king!—Henry the Fourth.—He is fourteen.—Eighty horses.—Hundreds of trees.—At half-past eleven.—On the 22nd of July, 1919.

8 5. Substitute in the following a personal pronoun for the italicized words:—
Parlez-moi *de la comédie.*—Va *à la campagne* et donne *de l'argent* aux paysans.—Il a envoyé *la lettre à son ami.*—J'avais apporté *le livre à l'école.*

10 6. Put the following sentences in the passive voice:—
On étalait les fruits en rangées épaisses.—Mon père les punira.—Les institutrices les (f.) surveillèrent.—Jeanne s'amuse beaucoup.—Versailles étonnerait les jeunes gens.

10 7. Use each adjective in brackets with the preceding noun, taking care to put it in its correct place:—
Un Français (jeune).—Un ami (fidèle).—Un cri (perçant).—Une maison (chère).—La famille (royale).—Mon ami (cher).—Un nuage (noir).—Une amitié (étroite).—Un monsieur (vieux).—Une allée (étroite).

German Grammar. (Time, 2 hours.)

Value.

35 1. Make two sentences of each of the following groups of words, (1) in the singular, (2) in the plural, inserting the articles, giving correct endings to all the adjectives and making the verbs agree :—

(*a.*) — klein — Schüler reichen — alt — Lehrer — neu — Feder. (Present tense.)

(*b.*) — jung — Sohn — gut — Landmannes zeigen sein — Vater — groß — Sperber. (Imperfect.)

(*c.*) (Indefinite article) reich — Graf gehen in (indef. art.) arm — Wirtshaus an — einsam — Landstraße. (Perfect.)

(*d.*) — jung — Mädchen bedienen ihn mit frisch — Brot und gut — Butter. (Pluperfect.)

(*e.*) — schön — Dame reisen mit ihr — Familie nach — Kontinent. (Future.)

5 2. Change the infinitives in the following sentences to the third person present indicative :—

(*a.*) Der Knabe fallen auf den Boden.

(*b.*) Das Mädchen lesen das Buch.

(*c.*) Mein Vater ankommen heute.

(*d.*) Das Kind zerreißen das Papier.

(*e.*) Er sich unterhalten im Park.

10 3. Rewrite the following sentences (1) in the imperfect, (2) in the perfect tense :—

(*a.*) Der Sohn bringt ihn ins Zimmer.

(*b.*) Er nimmt den guten Platz.

(*c.*) Er kommt zur Schule.

(*d.*) Es gelingt mir.

(*e.*) Er reitet schnell.

10 4. Give the comparative and superlative forms of :—

(*a.*) ein hoher Baum.

(*b.*) das gute Buch.

(*c.*) die große Karte.

(*d.*) Er spielt gern Ball.

(*e.*) Er läuft schnell.

10 5. Add the correct case endings after the prepositions in the following :—

Der Professor ist mit sein — Frau aber ohne d— Kind — (plural) nach d— Osten gereist. Auf d— Reise sind sie überall von ein — Freund begleitet worden, der während d— Sommer — nichts zu tun hat. Seit einig — Woche — bewohnen sie Toronto, wo sie bei ein — Verwandt — sind. Als sie über d— Berg — (plural) und durch d— Tünnel — (plural) gefahren sind, haben sie es höchst interessant gefunden.

30 6. Translate :—

(1.) He must be there at half past seven on the 23rd of June.

(2.) The man, whose son I know, has arrived.

(3.) I can stay at home ; she wants to come home.

(4.) Your pencil is longer than mine.

(5.) Thank you very much.

(6.) He, who is not for me is against me.

(7.) There are several beautiful houses on our street, but no high trees.

(8.) The elephant was chosen king, because he was stronger, less cruel, and not so vain as the others.

GERMAN TRANSLATION. (Time, 2 hours.)

Value.

48 1. Translate:—

(*a.*) Da beſchaut er ſich der Menſchen Tun und Trieben und liebt es wohl, ſie auf allerlei Weiſe zu necken und ſein Spiel mit ihnen zu treiben; denn das müßt ihr wiſſen, Rübezahl iſt ein eigner Kauz, launiſch, ſchadenfroh, heftig, wankelmütig; manchmal aber auch ſehr gutmütig und edel; in einem Augenblick ganz weich von Herzen und im andern ſo hart wie Stein; heute iſt er dein Feind, morgen dein Freund, wie's ihm gerade einfällt.

(*b.*) Es dauerte nun auch nicht mehr lange, da hatte Not und Elend im Hauſe Stephans ein Ende. Stephan ſelber konnte nun wieder arbeiten, und Suſi ſpann ſo emſig und ſo ſchön, daß ihr Garn von den Webern ſtets zu hohem Preis gekauft wurde. Der Ruf von Suſis Fleiß und Treue ging bald weit umher und kam auch zu Peter Hauſens Ohren, der ein junger, reicher Bauer war.

(*c.*) Aber was war das? — Er traute ſeinen Augen nicht; da ſtanden ja ſeine beiden Pferde friſch und geſund und aufs beſte geſchirrt im Wagen, gerade als wenn nichts geſchehen wäre! — Nein, das ging ihm über den Verſtand! Kopfſchüttelnd band er die mitgebrachten Pferde hinten an den Wagen, ſtieg dann ſelbſt auf den Bock, gab den Pferden einen leiſen Schlag; dieſe zogen an, der Spitz bellte, und luſtig ging's in raſchem Schritt weiter.

(*d.*) Ein Reiſender kam zitternd vor Kälte und ganz naß in ein Wirtshaus. Er wünſchte einen Platz am warmen Ofen zu haben, um ſich zu wärmen und ſeine Kleider zu trocknen. Dieſer aber war beſetzt. Da wandte er ſich an den Wirt und ſagte: „Bringen Sie meinem Pferd ein Dutzend Auſtern!" Der Wirt ſah ihn erſtaunt an und tat, was der Reiſende verlangt hatte. Zugleich verließen alle Gäſte das Zimmer, um zu ſehen, ob das Pferd die Auſtern freſſen würde. Nun nahm er den beſten Platz am Ofen und machte es ſich bequem.

12 2. Translate (at sight):—

Es war ein fröhlicher Abend. Der Fremde mußte berichten, wie es draußen in der Welt ausſehe, und dann erzählten die Männlein von einer Königstochter, weiß wie Schnee, rot wie Blut und ſchwarz wie Ebenholz, die vor langen Jahren bei ihnen gewohnt hatte. Der Schuſter kannte die Geſchichte bereits, denn ſeine Großmutter hatte ſie ihm oft erzählt, aber um die Männlein nicht zu kränken, hörte er aufmerkſam zu bis ans Ende. Dann ward ihm ein Bett angewieſen, und bevor er ſein Abenteuer überdenken konnte, war er eingeſchlafen.

24 3. Translate:—

The birds held a meeting because they wished to elect a king. As they could not come to an agreement, they decided that the one who could fly highest should be king. The eagle succeeded in flying higher than all the others, but when he could not fly any higher, a wren which had hidden in the feathers of the eagle's leg, crept out and rose high above all others in the air, so that he became king. But all the birds teased him because he was so tiny till at last he hid in hedges and fences to have peace, where we find him to this day.

16 4. Write in German a short description of your own house (about 15 lines).

University Matriculation (Junior); and Third Year Course Commercial.

ENGLISH LITERATURE. (Time, 2 hours.)

[N.B.—*Candidates will answer Section A and* either *Section B* or *Section C.*]

SECTION A. POETRY.

[*Only* three *of the five questions in Section A are to be answered.*]

Value.

17 1. (*a.*) State clearly *the effect* produced on the mind of the youthful Wordsworth by each of the experiences narrated in "The Prelude." (Refer to, but do not narrate, the various incidents.)

(*b.*) "Nuns fret not at their convent's narrow room;
And hermits are contented with their cells;
And students with their pensive citadels;
Maids at the wheel, the weaver at his loom,
Sit blithe and happy; bees that soar for bloom,
High as the highest Peak of Furness-fells,
Will murmur by the hour in foxglove bells:
In truth the prison unto which we doom
Ourselves, no prison is: and hence for me,
In sundry moods, 'twas pastime to be bound
Within the Sonnet's scanty plot of ground;
Pleased if some Souls (for such there needs must be)
Who have felt the weight of too much liberty,
Should find brief solace there, as I have found."

Without considering the length and the rhyme scheme, point out fully and clearly how this poem illustrates sonnet structure. What does the poet *suggest* by the phrases, "pensive citadels" and "the Sonnet's scanty plot of ground"?

17 2. (*a.*) In what ways is "Arethusa" characteristic of Shelley?

(*b.*) What does the poet *suggest* by the italicized passages in the following quotation from "The Cloud"?

"Sunbeam-proof, I hang like a roof,
The mountains its columns be.
The triumphal arch through which I march,
With hurricane, fire, and snow,
When *the powers of the air are chained to my chair,*
Is the million-coloured bow."

17 3. (*a.*) Characterize Angela and Madeline (Keats's "Eve of St. Agnes").

(*b.*) What do you find to admire in Keats's "Ode to Autumn"?

17 4. (*a.*) "Such a starved bank of moss
Till, that May-morn,
Blue ran the flash across:
Violets were born!

"Sky—what a scowl of cloud
Till, near and far,
Ray on ray split the shroud:
Splendid, a star!

Value.

"World—how it walled about
Life with disgrace,
Till God's own smile came out:
That was thy face."

Interpret this poem.

(*b.*) Show clearly where lay *the chief point* of interest for Browning in the poem, "Hervé Riel."

(*c.*) Express in one short sentence the point of "The Epilogue" of "The Two Poets of Croisic" ("What a pretty tale you told me," etc.).

17 5. (*a.*) What, according to Tennyson, were the characteristics of the ancient hero Ulysses? Show that the poem embodies the modern spirit.

(*b.*)
"But at the last it seem'd
Better to leave Excalibur conceal'd
There in the many-knotted waterflags,
That whistled stiff and dry about the marge.
So strode he back slow to the wounded king."

Comment on what is poetically expressive in this passage.

SECTION B. "THE MERCHANT OF VENICE."

14 6.
"When I told you
My state was nothing, I should then have told you
That I was worse than nothing; for, indeed,
I have engaged myself to a dear friend,
Engaged my friend to his mere enemy."

(*a.*) State clearly in your own words the meaning of the above passage.

"It must not be; there is no power in Venice
Can alter a decree established.
'Twill be recorded for a precedent,
And many an error, by the same example,
Will rush into the state."

(*b.*) To what proposal is this the reply?

(*c.*) What other references to the Venetian State does Shakespeare make in the play?

20 7. Write three or four carefully composed paragraphs on characteristics of Portia. (Note that this question requires treatment of *topics.*)

15 8. By definite references to the play justify the conception that Shylock should not be represented as unkempt or cringing.

SECTION C. "KING HENRY THE FIFTH."

14 9. "As Alexander killed his friend Cleitus, being in his ales and his cups; so also Henry of Monmouth, being in his right wits and good judgments, turned away the fat knight."

(*a.*) In what circumstances were these words spoken?

(*b.*) Show that the passage is characteristic of the speaker.

"The mercy that was quick in us but late,
By your own counsel is suppressed and killed;
You must not dare for shame to talk of mercy."

(*c.*) To whom is this speech addressed?

(*d.*) What is alluded to in the phrase, "by your own counsel"?

(*e.*) Give the meaning of a word in the passage that requires explanation.

Value.

20 10. Write three or four carefully composed paragraphs on the English spirit presented in the play, "Henry V."

15 11. Indicate the qualities of King Henry's character that are brought out by the incidents of his ramble in disguise through the camp.

University Matriculation (Junior); and Intermediate Grade.

Geometry. (Time, 2 hours.)

12 1. In equal circles, arcs which are cut off by equal chords are equal, the major arc equal to the major arc, and the minor to the minor.

12 2. If two chords of a circle intersect at right angles the opposite arcs are together equal to a semi-circumference.

12 3. Two tangents can be drawn to a circle from an external point; these tangents are equal and subtend equal angles at the centre.

12 4. If AD is the perpendicular from the vertex A to the hypotenuse BC of a right-angled triangle ABC and a circle is described with centre A and radius AD, prove that the tangents drawn to the circle from the points B and C are parallel.

12 5. The angles made by a tangent to a circle with a chord drawn from the point of contact are respectively equal to the angles in the alternate segments of the circle.

12 6. Draw a rhombus and describe circles on its four sides as diameters. Prove that all of these circles pass through a certain fixed point.

12 7. In every triangle the square on a side subtending an acute angle is less than the sum of the squares on the sides containing that angle by twice the rectangle contained by one of those sides and the projection of the other side upon it. Prove this for the case only where the given triangle is obtuse-angled.

16 8. BC is the hypotenuse of a right-angled triangle ABC. On the side remote from A a line is drawn from B which makes with BC an angle equal to the angle ABC and which meets the perpendicular drawn from C to BC in the point D. DF is then drawn perpendicular to AB. Prove (1) DF equal to twice CA, and (2) BD equal to the sum of BA and FA.

Chemistry. (Time, 2 hours.)

[*Answer* seven *questions only. All questions have the same value.*]

1. What do you understand by the terms "symbol," "compound," "electrolysis," "acid," "salt," and "anhydride"?

2. State: (*a*) The Law of Definite Proportions; (*b*) Avogadro's Law.

3. How would you prepare hydrogen, ammonia, chlorine, and hydrochloric acid? Write equations representing the reactions involved.

4. The equation representing the reaction on heating potassium nitrate is $2KNO_3 = 2KNO_2 + O_2$. Why is this equation better than $KNO_3 = KNO_2 + O$?
What weight of potassium nitrate would be required to give one litre of oxygen at standard conditions? (K = 39, N = 14, O = 16.)

5. Write a short account of the preparation and properties of: (*a*) Nitric acid; (*b*) potassium chlorate.

6. What is meant by the term "valency"? What is the valency of oxygen, chlorine, and nitrogen?

7. How does carbon occur in nature? Write a note on some of the chief uses man makes of carbon in its various forms.

8. What are the products of combustion in air of: (*a*) Hydrogen; (*b*) carbon; (*c*) acetylene; (*d*) a candle? Write equations representing complete combustion in each case if known.

University Matriculation (Junior); Intermediate Grade; and Third Class Certificate.

AGRICULTURE. (Time, 2 hours.)

Value.

10 1. State why live stock is essential to successful farming.

10 2. Outline a suitable ration for a dairy cow, naming the kind and amount of feed that you would consider advisable for the daily production of 30 lb. of milk testing 3.5 per cent. fat.

10 3. What are the principal points to remember in the feeding, management, and care of a dairy calf?

10 4. What are the advantages to be expected from the use of farmyard manure as compared with commercial fertilizers?

10 5. What is meant by "soil mulch"? How is a soil mulch obtained and maintained, and what are its advantages?

10 6. Outline with as much detail as possible the method of culture of field mangels.

10 7. What would you consider an ideal winter ration for a pen of fifty laying hens? Note carefully any points that must be guarded against when making up and feeding this ration.

10 8. Dairy-farmers are advised to "Use the scales and Babcock test" in relation to their dairy herds. What, in a few words, is your understanding of this advice?

10 9. Outline the life-history and the recommended method of control for any *one* of the following insect pests: Strawberry-weevil; peach-twig borer; oyster-shell bark-louse.

10 10. Why is it common practice to remove old raspberry-canes immediately after harvest? Where would you expect to find fruiting-wood on the raspberry-canes?

University Matriculation (Senior).

ENGLISH LITERATURE. (Time, 3 hours.)

[N.B.—*Candidates will answer Section A and any* two *of the Sections B, C, and D.*]

SECTION A.

Value.

6 1. Name the principal writers of Anglo-Saxon prose. On what subjects did they write?

13 2. Write an account of Italian influence upon English Literature down to the death of Shakespeare.

9 3. Write on each of the following:—
John Lyly.
Geoffrey of Monmouth.
The publication of Shakespeare's plays.

SECTION B.

24 4. Show that in the descriptions of the Prioress, the Wife of Bath, and the Miller, Chaucer in each case produces unity of impression.

5 5. Scan the lines:—
"Al ful of fresshe floures whyte and reede."
"Tales of best sentence and of solas."
Add a few notes suggested by the scansion.

7 6. Give the meaning of the following:—
(*a.*) A gay bracer.
(*b.*) Swynken.
(*c.*) A lymytour, a ful solempne man.
(*d.*) His overeste courtepy.
(*e.*) For catel hadde they.
(*f.*) A tabard.

SECTION C.

26 7. Examine two of the more extended episodes in the first book of "The Faerie Queene" in order to illustrate Spenser's allegorical method.

10 8. Quote two of Spenser's stanzas and comment on their qualities.

SECTION D.

12 9. What is a mask? Is "Comus" a typical mask? Give reasons for your opinion.

12 10. *Second Brother:* O brother, 'tis my father's shepherd, sure.
Elder Brother: Thyrsis! whose artful strains have oft delayed
The huddling brook to hear his madrigal,
And sweetened every musk-rose of the dale.
How camest thou here good swain?
Comment on this passage, illustrating your answer by means of examples from "Comus" or from any of Milton's poems.

12 11. Show with the assistance of three examples from "Comus" that Milton believed in the divine order of the universe.

ENGLISH COMPOSITION. (Time, 3 hours.)

Value.

12 1. "[Walpole] was a good-natured man who had during thirty years seen nothing but the worst parts of human nature in other men. He was familiar with the malice of kind people, and the perfidy of honourable people. Proud men had licked the dust before him. Patriots had begged him to come up to the price of their puffed and advertised integrity. He said after his fall that it was a dangerous thing to be a minister, that there were few minds that would not be injured by the constant spectacle of meanness and depravity."

What methods of securing force of style does this paragraph illustrate? Make your answers precise and definite.

8 2. Point out, and comment briefly upon, a salient rhetorical quality or so in each of the following sentences:—

(*a.*) "I drowsed and wondered whether the telegraph was a blessing, and whether this dying man or struggling people might be aware of the inconvenience the delay was causing."—*Kipling.*

(*b.*) "Whenever I read a book or a passage that particularly pleased me, in which a thing was said or an appeal rendered with propriety, in which there was either some conspicuous force or some happy distinction of style, I must sit down at once and set myself to ape that quality."—*Stevenson.*

12 3. Point out briefly what rhetorical principles are violated in the following sentences. Rewrite the sentences in correct form:—

(*a.*) The room was small and dark and it was very scantily furnished.

(*b.*) Every newspaper is partisan; the very foundations on which it is conducted make it so.

(*c.*) Far down the river there was a lovely vista to be seen, and from my window I could look out upon a very extensive and beautiful park.

8 4. (*a.*) State the correct, and warn against the incorrect, use of the following words: Fix, funny, liable, transpire, expect.

(*b.*) Illustrate the value of knowing the derivation of words.

60 5. Write an essay of about three pages on *one* of the following subjects:—

(*a.*) Why I enjoyed (*or* did not enjoy) the Study of Chaucer's "Prologue" (*or* Milton's "Comus," *or* Spenser's "Faerie Queene").

(*b.*) Crises on the Western Front during the Great War.

(*c.*) The Proposed League of Nations.

(*d.*) A Person whom I admire.

HISTORY. (Time, 3 hours.)

[*Answer* five *questions only.*]

20 1. What were the real points at issue in the struggle between the Stuart kings and the English Parliament?

20 2. Show how the policies of Louis XIV. of France led to disaster during the reigns of Louis XV. and Louis XVI.

20 3. What were the chief features of the Old Régime in Europe? In how far did the attacks of Voltaire and Rousseau contribute to the outbreak of the French Revolution?

Value.

20 4. Trace the course of the French Revolution from the meeting of the Estates General to the fall of the Directory.

20 5. Give an estimate of Napoleon I.'s policy in France and Germany. In how far was his work permanent?

20 6. Outline the leading features of the Industrial Revolution and account for the rise of Socialism.

20 7. Sketch the revolutionary movements of 1830 and 1848 and give reasons for their failure.

20 8. Does Germany owe more to Bismarck than Italy does to Cavour?

GEOMETRY. (Time, 3 hours.)

12 1. (*a.*) In a right-angled triangle, if a perpendicular be drawn from the right angle to the hypotenuse, the triangles on each side of it are similar to the whole triangle and to one another.

(*b.*) State the three corollaries.

14 2. AB, AC are chords of a circle; a line parallel to the tangent at A cuts AB and AC in D and E respectively. Show that $AB.AD = AC.AE$.

12 3. The areas of similar polygons are proportional to the squares on corresponding sides.

14 4. ABCD is a quadrilateral inscribed in a circle, and BD bisects the angle ABC; if the points A and C are fixed on the circumference of the circle, and B is variable in position, show that $AB+BC : BD$ is a constant ratio.

12 5. If two straight lines are parallel, and if one of them is perpendicular to a plane, then the other is also perpendicular to the same plane.

12 6. ABC is an isosceles triangle and on the base produced any point P is taken. Show that the circum-circles of the triangles ABP and ACP are equal.

12 7. If two straight lines neither intersect nor are parallel, then (i) there is one straight line perpendicular to both of them; (ii) this common perpendicular is the shortest distance between the given lines.

12 8. Draw an isosceles triangle equal in area to a triangle ABC and having its vertical angle equal to the angle A.

CHEMISTRY. (Time, 3 hours.)

[*Answer* ten *questions only. All questions have the same value.*]

1. What do you understand by the terms "molecular weight," "base," "ionization," "valency," and "normal solution"?

2. How did Dalton account for the Laws of Definite and Multiple Proportions?

3. Compare the properties of hydrochloric, hydriodic, and sulphuric acids. Give a method for the preparation of each acid.

4. Give a commercial method for the preparation of oxygen, chlorine, nitric acid, phosphoric acid, water-glass, sodium bicarbonate, and carbon disulphide. Give equations representing reactions where possible.

5. How does copper occur in nature? Write a short account of how the metal is extracted from its ores and give a brief account of its more important compounds.

6. Describe in detail an experiment by means of which you would determine the equivalent weight of zinc or iron.

7. What qualitative tests would you use to detect the presence of the following in solution: Lead, copper, aluminium, sulphuric acid, carbonic acid, and nitric acid?

8. What volume of hydrogen collected over mercury would be given off from 1 gram of zinc with an excess of hydrochloric acid, the volume being measured at 15 degrees centigrade and 750 mm. pressure? (Atomic weight zinc = 65.)

9. 3,180 c.c. of a gas measured at 24 degrees and 750.2 mm. pressure weighed 6 grams. What is the molecular weight of the gas?

10. Derive the formula of a compound which gave by analysis 26.5% carbon, 2.2% hydrogen, and the rest oxygen. The molecular weight was determined approximately to be 90.2. (Atomic weights, C = 12, H = 1, and O = 16.)

11. What weight of sulphur dioxide can be obtained by the action of 10 grams of copper upon an excess of concentrated sulphuric acid? (Atomic weights, Cu = 63, S = 32, and O = 16.)

PHYSICS. (Time, 3 hours.)

[NOTE.—Ten *questions constitute a full paper. All questions of equal value.*]

1. A body of mass 10 pounds is dropped from a height of 400 feet. Taking g = 32 and assuming no air friction, find:—
   (*a.*) The distance it falls in the second second of its fall.
   (*b.*) The distance it will enter the earth, taking the average resistance of the ground to its entrance as 200 pounds weight.

2. The diameter of the planet Mars is 4,230 miles and its density is $^7/_{10}$ that of the earth. Taking the diameter of the earth as 8,000 miles, find the weight of a pound mass on the surface of Mars.

3. What weight of cork of specific gravity 0.2 must be added to 10 pounds of stone of specific gravity 2.5 in order that the combination may have the same specific gravity as water?

4. What is the relation between the pressure and the volume of a gas at constant temperature? Describe a simple experimental proof.

5. The weight of a litre of air at standard temperature and pressure is 1.29 grams. Find the weight of 800 cubic centimetres of air at 37° C. and 70 c.m. pressure.

6. Describe clearly a method for the determination of the heat of vaporization of water.

7. Describe any form of photometer and show how it may be used for comparing the illuminating power of two light sources.

8. Give a careful description of one way in which the velocity of light has been measured.

9. What is the principle of the transformer? Describe one of simple form.

10. The poles of a battery are connected by a wire 8 metres long having a resistance of ½ ohm per metre. If the E.M.F. of the battery is 7 volts and the internal resistance 10 ohms, find the distance between two points on the wire, such that the potential difference between them is 1 volt. What is the current in the wire?

11. The joint resistance of 10 similar incandescent lamps connected in multiple is 10 ohms. Find the resistance of a single lamp.

LATIN AUTHORS. (Time, 3 hours.)

[*Answer A and* either *B* or *C*.]

A.

CICERO, DE SENECTUTE.

Value.

5 1. Translate:—

Numquam igitur laudari satis digne philosophia poterit, *cui* qui *pareat* omne tempus aetatis sine molestia *possit* degere.

(*a*.) Account for the case of *cui;* the mood of *pareat, possit.*

4 2. Translate:—

Qui, cum ex eo quaereretur cur tam diu *vellet* esse in vita, 'nihil habeo' inquit 'quod *accusem* senectutem.'

(*a*.) Account for the mood of *vellet, accusem.*

6 3. Translate:—

Quam palmam utinam di immortales, Scipio, tibi *reservent*, ut avi reliquias *persequare.*

(*a*.) Account for the mood of *reservent, persequare.*

(*b*.) Write a note on the historical references.

7 4. Translate:—

Nec vero dubitat agricola, quamvis *sit* senex, *quaerenti cui serat* respondere: 'dis immortalibus, qui me non accipere modo haec a maioribus voluerunt, sed etiam posteris prodere.'

(*a*.) Account for the case of *quaerenti, cui;* the mood of *sit, serat.*

6 5. Translate:—

Olympiae per stadium ingressus esse Milo dicitur, cum umeris sustineret bovem: utrum igitur has corporis an Pythagorae tibi *malis* vires ingeni dari? Denique isto bono *utare*, dum *adsit;* cum absit, ne requiras.

(*a*.) Account for the mood of *malis, utare, adsit.*

5 6. Translate:—

Invitus feci ut fortissimi viri T. Flaminini fratrem L. Flamininum e senatu eicerem septem annis post quam consul fuisset, sed notandam putavi libidinem.

(*a*.) Explain the historical references.

2 7. Translate:—

Ignoscetis autem, nam et studio rerum rusticarum provectus sum, et senectus est natura loquacior, ne ab omnibus eam vitiis videar vindicare.

6 8. Translate:—

Solonis quidem sapientis est elogium, quo se negat velle suam mortem dolore amicorum et lamentis vacare. Vult, credo, se esse carum suis. Sed haud scio an melius Ennius:

nemo me lacrumis decoret, neque funera fletu faxit.

(*a*.) Who are Ennius and Solon?

4 9. Translate:—

An censes, ut de me ipse aliquid more senum glorier, me tantos labores diurnos nocturnosque domi militiaeque suscepturum fuisse, si isdem finibus gloriam meam quibus vitam essem terminaturus?

Value.

3 10. What are the national and domestic griefs of which Cicero speaks in the opening chapter? In what respect is his own case like that of Cato?

2 11. Does Cicero's portrait of Cato agree with that given by our other authorities?

B.

VIRGIL, GEORGIC IV.

5 1. Translate:—

in medium, seu stabit iners seu profluet unmor,
transversas salices et grandia conice saxa,
pontibus ut crebris possint consistere et alas
pandere ad aestivum solem, si forte morantes
sparserit aut praeceps Neptuno inmerserit Eurus.

6 2. Translate:—

hinc ubi iam emissum caveis ad sidera caeli
nare per aestatem liquidam suspexeris agmen
obscuramque trahi vento *mirabere* nubem,
contemplator.

(*a.*) Parse *nare, mirabere, contemplator.*

4 3. Translate:—

ipse thymum pinosque ferens de montibus altis
tecta *serat* late circum, *cui* talia *curae.*

(*a.*) Account for the case of *cui, curae;* the mood of *serat.*

5 4. Translate:—

nunc age, naturas apibus quas Iuppiter ipse
addidit, expediam, pro qua mercede canoros
Curetum sonitus crepitantiaque aera secutae
Dictaeo caeli regem pavere sub antro.

(*a.*) Narrate the legend referred to.

5 5. Translate:—

sin duram metues hiemem parcesque futuro
contunsosque animos et res miserabere fractas,
at suffire thymo cerasque recidere inanes
quis *dubitet?*

(*a.*) Account for the mood of *dubitet.*

6 6. Translate:—

interea teneris tepefactus in ossibus umor
aestuat, et visenda modis animalia miris,
trunca pedum primo mox et stridentia pinnis,
miscentur, tenuemque magis magis aëra carpunt,
donec, ut aestivis effusus nubibus imber,
erupere, aut ut nervo pulsante sagittae,
prima leves ineunt si quando proelia Parthi.

4 7. Translate:—

'sed *quanto* ille magis formas se vertet in omnes,
tam tu, nate, magis contende tenacia vincla,
donec talis erit mutato corpore, qualem
videris, incepto tegeret cum lumina somno.'

(*a.*) Account for the case of *quanto.*

Value.

7 8. Translate:—

iamque pedem referens casus evaserat omnes
redditaque Eurydice superas veniebat ad auras
pone sequens,—namque hanc dederat Proserpina legem—
cum subita incautum dementia cepit amantem,
ignoscenda quidem, *scirent* si ignoscere Manes.

(*a.*) Account for the case of *reddita;* the mood of *scirent.*

3 9. Translate:—

inferias Orphei *Lethaea* papavera mittes.

(*a.*) Explain *inferias, Lethaea.*

5 10. Give some account of Virgil's life, works, and attitude towards the national concerns of Rome.

C.

OVID, ELEGIAC SELECTIONS.

5 1. Translate:—

tecum, quos *dederint* annos mihi fila sororum,
vivere *contingat* teque dolente mori.

(*a.*) Name the sisters.

(*b.*) What is the subject of *contingat?*

(*c.*) Account for the mood and tense of *dederint.*

2 2. Translate:—

quid, cum suppositos fugiunt examina fumos,
ut relevent dempti vimina curva favi?

7 3. Translate:—

Si quis adhuc istic meminit *Nasonis* adempti,
et superest sine me nomen in Urbe meum,
suppositum stellis numquam tangentibus aequor
me *sciat* in media vivere barbaria.

(*a.*) Account for the case of *Nasonis, suppositum, stellis;* the mood of *sciat.*

8 4. Translate:—

fas quoque ab ore freti longaeque Propontidos undis
huc aliquem certo vela dedisse noto.
quisquis is est, memori rumorem voce referre
et fieri famae parsque gradusque potest.
is, precor, auditos possit narrare triumphos
Caesaris et Latio reddita vota Iovi:
teque, rebellatrix, tandem, Germania, magni
triste caput pedibus supposuisse ducis.

(*a.*) Explain the historical reference in the last two lines.

5 5. Translate:—

indignata malis mens est succumbere, seque
praestitit invictam, viribus usa suis;
oblitusque mei ductaeque per otia *vitae*
insolita cepi temporis arma manu.

(*a.*) Account for the case of *vitae, insolita.*

6 6. Translate:—

Haec tibi mittuntur, quem sum modo carmine questus
non aptum numeris nomen habere meis:
in quibus, *excepto* quod adhuc utcumque valemus,
nil, me praeterea quod *iuvet,* invenies.

Value.

(*a.*) Explain *non aptum . . . . meis.*

(*b.*) Explain the construction of *excepto.*

(*c.*) Account for the mood of *iuvet.*

7 7. Translate:—

'quid volt palma sibi rugosaque carica,' dixi
'et data sub niveo condita mella cado?'
'omen' ait 'causa est, ut res sapor ille sequatur,
et peragat coeptum dulcis ut annus iter.'
'dulcia cur dentur, video. stipis adice causam,
pars mihi de festo ne labet ulla tuo.'
risit, et 'O quam te fallunt tua saecula,' dixit
'qui stipe mel sumpta dulcius esse putes!'

5 8. Translate:—

Ter quater evolvi signantes tempora fastos,
nec Sementina est ulla reperta dies:
cum mihi...sensit enim...'Lux haec indicitur,' inquit
Musa 'quid a fastis non stata sacra petis?'

(*a.*) Explain the reply of the *Musa.*

5 9. Give some account of the life, works, and literary acquaintances of Ovid.

LATIN COMPOSITION, SIGHT TRANSLATION, AND ROMAN HISTORY. (Time, 3 hours.)

1. Translate into Latin:—

8 (*a.*) He promised to spare the women and children if the inhabitants surrendered before the ram touched the wall.

8 (*b.*) Upon his arrival he discovered that the forces of the enemy had already begun to assemble.

8 (*c.*) Realizing that he would soon be forced to retreat, he resolved to burn the greater part of his corn to prevent its falling into the hands of the enemy.

8 (*d.*) He begged me not to allow the soldiers to remain within the walls because (as he said) he feared that the citizens would attack the troops.

8 (*e.*) Thinking that the allies would be only a hindrance to us, he ordered them to return home and to remain there until they were informed that we had reached the further side of the river.

40 2. Translate into English:—

Athenienses cum Persarum impetum nullo modo possent sustinere statuerentque ut urbe relicta coniugibus et liberis Troezene depositis naves conscenderent libertatemque Graeciae classe defenderent, Cyrsilum quendam suadentem, ut in urbe manerent Xersemque reciperent, lapidibus cooperuerunt. Atqui ille utilitatem sequi videbatur, sed ea nulla erat repugnante honestate. Themistocles post victoriam eius belli, quod cum Persis fuit, dixit in contione se habere consilium rei publicae salutare, sed id sciri non opus esse: postulavit ut aliquem populus daret, quicum communicaret. Datus est Aristides. Huic ille, classem Lacedaemoniorum, quae subducta esset ad Gytheum, clam incendi posse, quo facto frangi Lacedaemoniorum opes necesse esset. Quod Aristides cum audisset, in contionem magna expectatione venit dixitque perutile esse consilium, quod Themistocles adferret, sed minime honestum.

Value.

12 3. Write with some fullness on *two* of the following:—

(*a.*) The struggles between the Patres and the Plebs.

(*b.*) The causes, the general course of events, and the issues of the Punic Wars.

(*c.*) The extension of the Roman Empire between 200 and 133 B.C.

(*d.*) The position held by the Senate during the period of the great wars.

8 4. Write a note on *four* of the following: Veii, nobiles, Hellenism, Coloniae, Servian Reforms, Pyrrhus.

Greek Grammar, Composition, and History. (Time, 3 hours.)

15 1. Write the genitive singular of *βοῦς, ναῦς, ἄστυ, τριήρης, πατήρ, ἀσπίς*; the dative plural of *κλώψ, ἡγεμών, ἀνήρ, γραῦς*; the accusative singular of *βασιλεύς, μήν, νύξ, γέρων, ὄρνις.*

20 2. Write the accusative singular in all genders of *ἡδύς, μέλας, ἡδίων, τίς, μέγας, πολύς*; the dative plural in all genders of *λυθείς, λελυκώς, οὗτος, ὅδε.*

4 3. Write the cardinals from 1 to 10.

16 4. Write the aorist imperative active and passive of *λύω*; the aorist optative active of *λείπω*; the perfect indicative middle of *ἄγω*; the present optative active of *τιμάω*; the aorist indicative middle of *δίδωμι*; the aorist imperative active of *ἵστημι*; the present indicative active of *ἵημι.*

25 5. Translate into Greek:—

(*a.*) He heard that the general had triremes.

(*b.*) He ordered the hoplites to remain where they were.

(*c.*) He read the letter and gave it to Socrates.

(*d.*) They showed the boys what they must do.

(*e.*) They will not wrong us if we make a truce with them.

(*f.*) They said that the king had slain Cyrus.

(*g.*) They filled the skins with fodder.

(*h.*) Let us not allow him to flee.

(*i.*) We were afraid that you would not send for your ships.

(*j.*) It would have been well if you had done this.

10 6. Write upon:—

(*a.*) The aims, organisation, and subsequent development of the Confederacy of Delos.

(*b.*) The Sicilian expedition.

10 7. Write a brief note on:—

(*a.*) Brasidas.

(*b.*) Pylos.

(*c.*) Plataea.

(*d.*) Arginusae.

(*e.*) Alcibiades.

GREEK AUTHORS, (Time, 3 hours.)

[*Candidates will answer* either *A* or *B*.]

A.

LUCIAN.

Value.

15 1. Translate :—

ἡ ἑτέρα δὲ πρός με ἀπιδοῦσα, Τοιγαροῦν ἀμείψομαί σε, ἔφη, τῆσδε τῆς δικαιοσύνης, ὅτι καλῶς τὴν δίκην ἐδίκασας, καὶ ἐλθὲ ἤδη, ἐπίβηθι τούτου τοῦ ὀχήματος,—δείξασά τι ὄχημα ὑποπτέρων ἵππων τινῶν τῷ Πηγάσῳ ἐοικότων—ὅπως εἰδῇς, οἷα καὶ ἡλίκα μὴ ἀκολουθήσας ἐμοὶ ἀγνοήσειν ἔμελλες. ἐπεὶ δὲ ἀνῆλθον, ἡ μὲν ἤλαυνε καὶ ὑφηνιόχει, ἀρθεὶς δὲ εἰς ὕψος ἐγὼ ἐπεσκόπουν ἀπὸ τῆς ἕω ἀρξάμενος ἄχρι πρὸς τὰ ἑσπέρια πόλεις καὶ ἔθνη καὶ δήμους, καθάπερ ὁ Τριπτόλεμος ἀποσπείρων τι ἐς τὴν γῆν. οὐκέτι μέντοι μέμνημαι, ὅ τι τὸ σπειρόμενον ἐκεῖνο ἦν, πλὴν τοῦτο μόνον, ὅτι κάτωθεν ἀφορῶντες ἄνθρωποι ἐπῄνουν καὶ μετ' εὐφημίας καθ' οὓς γενοίμην τῇ πτήσει, παρέπεμπον.

(*a.*) Account for the case of δικαιοσύνης; the mood of γενοίμην.

(*b.*) μὴ ἀκολουθήσας,—why not οὐκ?

(*c.*) Write brief notes on Pegasus, Triptolemus.

27 2. Translate :—

ἐγὼ δὲ ἧρξα ἐπ' ἴσης τῆς πατρίδος, καὶ ἐπειδὴ μετεπέμπετο τῶν πολεμίων μεγάλῳ στόλῳ ἐπιπλευσάντων τῇ Λιβύῃ, ταχέως ὑπήκουσα, καὶ ἰδιώτην ἐμαυτὸν παρέσχον καὶ καταδικασθεὶς ἤνεγκα εὐγνωμόνως τὸ πρᾶγμα. καὶ ταῦτα ἔπραξα βάρβαρος ὢν καὶ ἀπαίδευτος παιδείας τῆς Ἑλληνικῆς καὶ οὔτε Ὅμηρον ὥσπερ οὗτος ῥαψῳδῶν οὔτε ὑπ' Ἀριστοτέλει τῷ σοφιστῇ παιδευθεὶς μόνῃ δὲ τῇ φύσει ἀγαθῇ χρησάμενος. ταῦτά ἐστιν ἃ ἐγὼ Ἀλεξάνδρου ἀμείνων φημὶ εἶναι. εἰ δέ ἐστι καλλίων οὗτοσί, διότι διαδήματι τὴν κεφαλὴν διεδέδετο, Μακεδόσι μὲν ἴσως καὶ ταῦτα σεμνά, οὐ μὴν διὰ τοῦτο ἀμείνων δόξειεν ἂν γενναίου καὶ στρατηγικοῦ ἀνδρὸς τῇ γνώμῃ πλέον ἢπερ τῇ τύχῃ κεχρημένου.

(*a.*) Account for the case of πατρίδος, πολεμίων, παιδείας, ἀμείνων, τύχῃ; the mood of δόξειεν.

(*b.*) Write the principal parts of πέμπω, ἔχω, ἀκούω.

(*c.*) Write such explanatory notes as may be suggested by the following words and phrases: ἐπ' ἴσης, μετεπέμπετο, ἰδιώτην, καταδικασθείς, βάρβαρος, ῥαψῳδῶν, σοφιστῇ.

14 3. Translate :—

Εὖ γε ὑπέμνησας· οὐ γὰρ οἶδ' ὅπως περὶ τούτου λέγειν προθέμενος πάμπολυ ἀπεπλανήθην τοῦ λόγου. διατρίβοντος γάρ μου παρ' αὐτοῖς προὔθεσαν οἱ πρυτάνεις ἐκκλησίαν περὶ τῶν κοινῇ συμφερόντων· ἰδὼν οὖν πολλοὺς συνθέοντας ἀναμίξας ἐμαυτὸν τοῖς νεκροῖς εὐθὺς εἰς καὶ αὐτὸς ἦν τῶν ἐκκλησιαστῶν. διῳκήθη μὲν οὖν καὶ ἄλλα, τελευταῖον δὲ τὸ περὶ τῶν πλουσίων· ἐπεὶ γὰρ αὐτῶν κατηγόρητο πολλὰ καὶ δεινά, βία καὶ ἁλαζονεία καὶ ὑπεροψία καὶ ἀδικία, τέλος ἀναστάς τις τῶν δημαγωγῶν ἀνέγνω ψήφισμα τοιοῦτον.

(*a.*) Account for the case of εἷς, ἄλλα, αὐτῶν.

(*b.*) Write the principal parts of τίθημι, ὁρᾶω, ἵστημι, γιγνώσκω.

19 4. Translate :—

αὐτοὶ δὲ σώματα μὲν οὐκ ἔχουσιν, ἀλλ' ἀναφεῖς καὶ ἄσαρκοί εἰσι, μορφὴν δὲ καὶ ἰδέαν μόνην ἔχουσι καὶ ἐμφαίνουσι, καὶ ἀσώματοι ὄντες ὅμως συνεστᾶσι καὶ κινοῦνται καὶ φρονοῦσι καὶ φωνὴν ἀφιᾶσι, καὶ ὅλως ἔοικε γυμνή τις ἡ ψυχὴ αὐτῶν περιπολεῖν τὴν τοῦ σώματος ὁμοιότητα περικειμένη· εἰ γοῦν μὴ ἄψαιτό τις, οὐκ ἂν ἐλέγξειε μὴ εἶναι σῶμα τὸ ὁρώμενον· εἰσὶ γὰρ ὥσπερ σκιαὶ ὀρθαί, οὐ μέλαιναι. γηράσκει δὲ οὐδείς, ἀλλ' ἐφ' ἧς ἂν ἡλικίας ἔλθῃ παραμένει.

Value.

οὐ μὴν οὐδὲ νὺξ παρ' αὐτοῖς γίνεται, οὐδὲ ἡμέρα πάνυ λαμπρά· καθάπερ γὰρ τὸ λυκαυγὲς ἤδη πρὸς ἕω μηδέπω ἀνατείλαντος ἡλίου, τοιοῦτο φῶς ἐπέχει τὴν γῆν. καὶ μέντοι καὶ ὥραν μίαν ἴσασι τοῦ ἔτους· ἀεὶ γὰρ παρ' αὐτοῖς ἔαρ ἐστὶ καὶ εἷς ἄνεμος παρ' αὐτοῖς πνεῖ ὁ ζέφυρος. ἡ δὲ χώρα πᾶσι μὲν ἄνθεσι, πᾶσι δὲ φυτοῖς ἡμέροις τε καὶ σκιεροῖς τέθηλεν· αἱ μὲν γὰρ ἄμπελοι δωδεκάφοροί εἰσι καὶ κατὰ μῆνα ἕκαστον καρποφοροῦσι· τὰς δὲ ῥοιὰς καὶ τὰς μηλέας καὶ τὴν ἄλλην ὀπώραν ἔλεγον μὲν εἶναι τρισκαιδεκάφορον· ἑνὸς γὰρ μηνὸς τοῦ παρ' αὐτοῖς Μινῴου δὶς καρποφορεῖ. ἀντὶ δὲ πυροῦ οἱ στάχυες ἄρτον ἕτοιμον ἐπ' ἄκρων φύουσιν ὥσπερ μύκητας. πηγαὶ δὲ περὶ τὴν πόλιν ὕδατος μὲν πέντε καὶ ἑξήκοντα καὶ τριακόσιαι, μέλιτος δὲ ἄλλαι τοσαῦται, μύρου δὲ πεντακόσιαι, μικρότεραι μέντοι αὗται· καὶ ποταμοὶ γάλακτος ἑπτὰ καὶ οἴνου ὀκτώ.

15 5. Translate :—

Μίκυλλε δέσποτα, ᾧμην τι χαριεῖσθαί σοι προλαμβάνων τῆς νυκτὸς ὁπόσον ἂν δυναίμην, ὡς ἔχοις ἐπορθρευόμενος ἀνύειν τὰ πολλὰ τῶν ἔργων· ἦν γοῦν πρὶν ἥλιον ἀνίσχειν μίαν κρηπῖδα ἐργάσῃ, πρὸ ὁδοῦ ἔσῃ τοῦτο ἐς τὰ ἄλφιτα πεπονηκώς. εἰ δέ σοι καθεύδειν ἥδιον, ἐγὼ μὲν ἡσυχάσομαί σοι καὶ πολὺ ἀφωνότερος ἔσομαι τῶν ἰχθύων, σὺ δὲ ὅρα ὅπως μὴ ὄναρ πλουτῶν λιμώττῃς ἀνεγρόμενος.

(*a*.) Account for the case of τι, τοῦτο, ἥδιον; the mood of ἔχοις, ἀνίσχειν, ἐργάσῃ, ὅρα.

(*b*.) How does the cock show that (*a*) his master's surprise is needless, (*b*) his own gift of speech is to be expected?

10 6. Write upon Lucian's life, career, and attitude as a critic.

B.

Euripides, Alcestis.

21 1. Translate :—

ΑΠ. ἔστ' οὖν ὅπως Ἄλκηστις εἰς γῆρας μόλοι ;
ΘΑ. οὐκ ἔστι· τιμαῖς κἀμὲ τέρπεσθαι δόκει.
ΑΠ. οὗτοι πλέον γ' ἂν ἢ μίαν ψυχὴν λάβοις.
ΘΑ. νέων φθινόντων μεῖζον ἄρνυμαι γέρας.
ΑΠ. κἂν γραῦς ὄληται, πλουσίως ταφήσεται.
ΘΑ. [*with bitter satire.*]
πρὸς τῶν ἐχόντων, Φοῖβε, τὸν νόμον τίθης.
ΑΠ. πῶς εἶπας ; ἀλλ' ἢ καὶ σοφὸς λέληθας ὤν ;
ΘΑ. ὠνοῖντ' ἂν οἷς πάρεστι γηραιοὶ θανεῖν.

(*a*.) Account for the case of ἐμέ, νέων; the mood of μόλοι, λάβοις, ὄληται.

(*b*.) Write the principal parts of λάβοις, ὄληται, τίθης, λέληθας.

(*c*.) Write the present and imperfect indicative active of τίθης.

25 2. Translate :—

εἶεν· σὺ νῦν μοι τῶνδ' ἀπόμνησαι χάριν.
αἰτήσομαι γάρ σ' ἀξίαν μὲν οὔποτε·
ψυχῆς γὰρ οὐδέν ἐστι τιμιώτερον·
δίκαια δ', ὡς φήσεις σύ· τούσδε γὰρ φιλεῖς
οὐχ ἧσσον ἢ 'γὼ παῖδας, εἴπερ εὖ φρονεῖς·
τούτους ἀνάσχου δεσπότας τρέφων δόμων,
καὶ μὴ 'πιγήμῃς τοῖσδε μητρυιὰν τέκνοις,
ἥτις κακίων οὖσ' ἐμοῦ γυνὴ φθόνῳ
τοῖς σοῖσι κἀμοῖς παισὶ χεῖρα προσβαλεῖ.
μὴ δῆτα δράσῃς ταῦτά γ', αἰτοῦμαί σ' ἐγώ.
ἐχθρὰ γὰρ ἡ 'πιοῦσα μητρυιὰ τέκνοις
τοῖς πρόσθ', ἐχίδνης οὐδὲν ἠπιωτέρα.

Value.

(*a.*) Account for the case of τῶνδε, τέκνοις, ἐχίδνης ; the mood and tense of δράσῃς, ἀνάσχου.

(*b.*) Write the principal parts of ἀνάσχου, προσβαλεῖ.

(*c.*) Write the present participles of εἶμι, εἰμί, ἵημι.

12 3. Translate :—

ΑΔ. οὐκ ἔστιν ἄλλου σ' ἀνδρὸς ἑστίαν μολεῖν.
ἡγοῦ σὺ τῷδε δωμάτων ἐξωπίους
ξενῶνας οἴξας, τοῖς τ' ἐφεστῶσιν φράσον
σίτων παρεῖναι πλῆθος· εὖ δὲ κλῄσατε
θύρας μεσαύλους· οὐ πρέπει θοινωμένους
κλύειν στεναγμῶν οὐδὲ λυπεῖσθαι ξένους.

(*a.*) Account for the case of ξένους, στεναγμῶν.

(*b.*) Parse παρεῖναι.

(*c.*) Write the principal parts of μολεῖν, οἴξας.

21 4. Translate :—

δεῦρ' ἔλθ', ὅπως ἂν καὶ σοφώτερος γένῃ.
τὰ θνητὰ πράγματ' οἶδας ἣν ἔχει φύσιν ;
οἶμαι μὲν οὔ· πόθεν γάρ ; ἀλλ' ἄκουέ μου.
βροτοῖς ἅπασι καταθνητὸν ὀφείλεται,
κοὐκ ἔστι θνητῶν ὅστις ἐξεπίσταται
τὴν αὔριον μέλλουσαν εἰ βιώσεται·
τὸ τῆς τύχης γὰρ ἀφανὲς οἳ προβήσεται,
κἄστ' οὐ διδακτὸν οὐδ' ἀλίσκεται τέχνῃ.
ταῦτ' οὖν ἀκούσας καὶ μαθὼν ἐμοῦ πάρα,
εὔφραινε σαυτόν, πῖνε, τὸν καθ' ἡμέραν
βίον λογίζου σόν, τὰ δ' ἄλλα τῆς τύχης.
τίμα δὲ καὶ τὴν πλεῖστον ἡδίστην θεῶν
Κύπριν βροτοῖσιν· εὐμενὴς γὰρ ἡ θεός.
τὰ δ' ἄλλ' ἔασον ταῦτα καὶ πιθοῦ λόγοις
ἐμοῖσιν, εἴπερ ὀρθά σοι δοκῶ λέγειν·
οἶμαι μέν. οὔκουν τὴν ἄγαν λύπην ἀφεὶς
πίει μεθ' ἡμῶν τάσδ' ὑπερβαλὼν τύχας,
στεφάνοις πυκασθείς ; καὶ σάφ' οἶδ' ὀθούνεκα
τοῦ νῦν σκυθρωποῦ καὶ ξυνεστῶτος τρόπου
μεθορμιεῖ σε πίτυλος ἐμπεσὼν σκύφου.

Parse πιθοῦ, ἀφείς.

14 5. Translate :—

ΗΡ. εἰ γὰρ τοσαύτην δύναμιν εἶχον ὥστε σὴν
εἰς φῶς πορεῖσαι νερτέρων ἐκ δωμάτων
γυναῖκα καί σοι τήνδε πορσῦναι χάριν.
ΑΔ. σάφ' οἶδα βούλεσθαί σ' ἄν. ἀλλὰ ποῦ τόδε ;
οὐκ ἔστι τοὺς θανόντας εἰς φάος μολεῖν.
ΗΡ. μή νυν ὑπέρβαιν', ἀλλ' ἐναισίμως φέρε.
ΑΔ. ῥᾷον παραινεῖν ἢ παθόντο καρτερεῖν.
ΗΡ. τί δ' ἂν προκόπτοις, εἰ θέλοις ἀεὶ στένειν ;
ΑΔ. ἔγνωκα καὐτός, ἀλλ' ἔρως τις ἐξάγει.

Account for the case of τόδε ; the mood of πορεῖσαι ; the mood add tense of εἶχον ; the use of ἄν (line 4).

7 6. Discuss the roll assigned to Admetos *or* Heracles.

French Language. (Time, 3 hours.)

Value.

10 1. Insert the required form of the verb in the following sentences:—

(1.) Le savoir ne s' (present of *acquérir*) qu'avec bien des peines. (2.) Ils (future of *courir*) à travers la forêt. (3.) Il faut qu'il (pres. subj. of *vaincre*) tous ses ennemis. (4.) J'ai le corps tout (past part. of *moudre*). (5.) Qu'ils ne (pres. subj. of *prendre*) rien. (6.) Mauvaise herbe (present of *croître*) toujours. (7.) J'ai trouvé porte (past part. of *clore*). (8.) En (pres. part. of *lire*) l'avenir dans les étoiles. (9.) (Imperat. of *prendre*) l'occasion aux cheveux. (10.) Nous (future of *conquérir*) tous les coeurs.

8 2. Translate, using auxiliary verbs of mood:—

You may go.—He may have gone.—I should like to see it.—He ought to play.—I am quite willing.—He might have stayed.—May he be happy.—He is sure to arrive in time.

12 3. Give the plural of:—

Un jeu nouveau; un conseil amical; c'est un détail; un beau vitrail; voilà un chou; un oeil bleu foncé; l'enfant court vêtu; un bel évantail; le porte-monnaie; un chef-d'oeuvre; le gentilhomme; une demi-heure.

14 4. Put the following passage in the past:—

Puis tout à coup une grande rafale terrible *couche* les arbres, *renverse* tout sur son passage. *C'est* la tornade qui se *déchaîne;* tout *tremble;* la nature se *tord* sous la puissance effroyable du météor qui *passe.* Pendant vingt minutes les cataractes du ciel *sont* ouvertes; une pluie diluvienne *rafraîchit* le sol altéré, et le vent *souffle avec furie.* Et puis, brusquement tout *s'apaise. C'est* fini. Le météore *est* passé et le ciel *redevient* pur, immobile et bleu.

18 5. Translate:—

(1.) After spending six months in France I have returned to London. (2.) He is a man whose character everybody admires. (3.) On Thursdays there is no school in many French lycées. (4.) They have done themselves harm by writing these biting letters. (5.) Whatever you do and whatever your intentions may be, think before you act. (6.) When you have time, perhaps you will read some portions of this interesting work.

8 6. Give the French for:—

Old Paris; what a charming morning!; so much the worse; in the eighteenth century; six is more than three; on the thirty-first of March; to make up one's mind; Prince Charles.

30 7. Put into French:—

When he came out of prison he set out for England, where he remained three years. These three years were the most fruitful for the forming of his mind. It is he who first taught the French that there existed a great literature on the other side of the Channel, and who made known to them Shakespeare, Milton, and also those delightful writers of the time of Queen Anne, certain of whose works are real jewels. But what he most admired in your country was the liberty enjoyed there.

FRENCH LITERATURE. (Time, 3 hours.)

Value.

10 1. What are the characteristics of dramatic poetry in the seventeenth century?

10 2. Show that La Fontaine deserves his place in the gallery of great writers. Arrange your answer under the following headings: The Fables; sources; seventeenth century society; language; versification.

10 3. Jean Jacques Rousseau and nature.

10 4. The life and work of François René, Vicomte de Chateaubriand.

5. Translate the following passages and annotate the words or expressions in italics:—

20 (*a.*) "Ce fossé lui-même renferme tout un monde d'habitants, toute une forêt de végétations; son eau limpide court sans bruit et caresse mollement les bordures de cresson; les longues herbes appelées 'rubans d'eau,' les mousses aquatiques pendantes et chevelues, tremblent incessamment dans ses petits remous silencieux; la bergeronnette jaune y trotte sur le sable d'un air à la fois espiègle et peureux; la clématite et le chèvrefeuille l'ombragent de berceaux où le rossignol cache son nid. Au printemps ce ne sont que fleurs et parfums; à l'automne, les ronces toutes chargées de flocons de laine qu'y ont laissés les brebis en passant, s'empourprent de petites mûres sauvages d'une agréable saveur."

10 (*b.*) *Les Embarras de Paris (1660).*

Qui frappe l'air, bon Dieu! de ces lugubres cris?
Est-ce donc pour veiller qu'on se couche à Paris?
Et quel fâcheux démon, durant les nuits entières,
Rassemble ici les chats de toutes les gouttières?
J'ai beau sauter du lit, plein de trouble et d'effroi,
Je pense qu'avec eux tout l'enfer est chez moi:
L'un miaule en grondant comme un tigre en furie;
L'autre roule sa voix comme un enfant qui crie.
Ce n'est pas tout encor: les souris et les rats
Semblent pour m'éveiller, s'entendre avec les chats,
Plus importuns pour moi, durant la nuit obscure,
Que jamais, en plein jour, ne fut l'*abbé de Pure.*

15 (*c.*)

Ce blé couvrait d'un lacs
Les menteurs, et traîtres appas.
Le lacs était usé: si bien que, de son aile,
De ses pieds, de son bec, l'oiseau le rompt enfin;
Quelque plume y périt; et le pis du destin
Fut qu'un certain vautour, à la serre cruelle,
Vit notre malheureux, qui traînant la ficelle
Et les morceaux du lacs qui l'avait attrapé,
Semblait un forçât échappé.
Le vautour s'en allait le *lier*, quand des nues
Fond à son tour un aigle aux ailes étendues.
Le pigeon profita du conflit des voleurs,
S'envola, s'abattit auprès d'une masure,
Crut, pour ce coup, que ses malheurs
Finiraient par cette aventure.

15 (*d.*) Philaminte. Vous voulez que toujours je l'aie à mon service,
Pour mettre incessamment mon oreille au supplice,
Pour rompre toute loi d'usage et de raison
Par un barbare amas de *vices d'oraison*,
De mots estropiés, cousus, par intervalles,
De proverbes traînés dans les ruisseaux des halles!

Belise. Il est vrai que l'on sue à souffrir ses discours;
Elle y met *Vaugelas* en pieces tous les jours;
Et les moindres défauts de ce grossier *génie*
Sont ou le *pléonasme*, ou la *cacophonie*.

GERMAN GRAMMAR AND COMPOSITION. (Time, 3 hours.)

Value.

30 1. Translate into German:—

Near the town of Bingen on the Rhine is a small island upon which is situated the famous Mouse Tower. The story is told that it was built in the tenth century by a bishop of Mainz, named Hatto. During a great famine Hatto promised to feed many starving people if they would gather in a large barn near the city. When they were all inside, however, he had the doors locked and the barn set on fire. Then he only laughed when he heard the poor people shrieking, and asked his servants if they could hear the mice squeaking. As a punishment, mice were sent to torment the wicked bishop, till he could find no rest day or night. Even after he fled to the Mouse Tower in the middle of the Rhine, the mice followed him and finally devoured him alive.

24 2. Translate into German:—

(1.) Germany is situated in the middle of Europe and is bounded on the east by Russia and on the south by Austria and Switzerland.

(2.) Germany has an area of about 545,000 square kilometers and a population of more that sixty-five million inhabitants.

(3.) After walking to and fro a few minutes, Eric asked how long we had to wait for our train.

(4.) I wanted to know what kind of train it was.

(5.) Would you not like to see the house where Goethe was born?

(6.) I am more interested in Luther's room in the Wartburg.

(7.) The Goethe house is said to look just as it did 150 years ago.

(8.) Scheffels song expresses just what we students think.

12 3. Give the German idioms for:—

(1.) to go at one's work.

(2.) some more stones.

(3.) to take one's turn.

(4.) to be proud of it.

(5.) we can't help it.

(6.) —. Are you not?

14 4. (*a.*) Translate into English:—

Ein Bauer, der nicht leſen konnte, hatte bemerkt, daß die Leute Brillen aufſetzen, wenn ſie leſen. Eines Tages ging er in einen Laden, um ſich auch eine Brille zu kaufen. Der Händler reichte ihm ein Buch und legte ihm mehrere Brillen vor. Der Bauer verſuchte eine nach der andern; aber er konnte keine finden, durch die er leſen konnte und erklärte, ſie paßten nicht für ſeine Augen. Da bemerkte der Brillenhändler, daß der Bauer das Buch verkehrt hielt und ſagte: „Lieber Freund, die Brillen ſind vorzüglich, Sie konnen aber wohl nicht leſen."

Value.

„Wenn ich lesen könnte," erwiderte der Bauer, „würde ich doch nicht so dumm sein, mir eine Brille kaufen zu wollen."

(*b.*) Explain the underlined forms.

20 5. Write a short composition in German on *one* of the following themes :—

(*a.*) A trip on the Rhine.

(*b.*) The Wartburg.

(*c.*) The story of Immensee.

GERMAN TRANSLATION. (Time, 3 hours.)

1. Translate :—

10 (*a.*) Die Wälder standen schweigend und warfen ihr Dunkel weit auf den See hinaus, während die Mitte desselben in schwüler Mondesdämmerung lag. Mitunter schauerte ein leises Säuseln durch die Bäume; aber es war kein Wind, es war nur das Atmen der Sommernacht. Reinhard ging immer am Ufer entlang. Einen Steinwurf vom Lande konnte er ein weiße Wasserlilie erkennen. Auf einmal wandelte ihn die Lust an sie in der Nähe zu sehen; er warf seine Kleider ab und stieg ins Wasser.

12 (*b.*) Die Morgendämmerung ruhte noch in allen Winkeln; die große Hauskatze dehnte sich auf der Strohmatte und sträubte den Rücken gegen seine Hand, die er gedankenlos entgegenhielt. Draußen im Garten aber priesterten schon die Sperlinge von den Zweigen und sagten es allen, daß die Nacht vorbei sei. Da hörte er oben im Hause eine Tür gehen; es kam die Treppe herunter, und als er aufsah, stand Elisabeth vor ihm. Sie legte die Hand auf seinen Arm, sie bewegte die Lippen, aber er hörte keine Worte. „Du kommst nicht wieder," sagte sie endlich. „Ich weiß es, lüge nicht, du kommst nie wieder."

2. Translate :—

10 (*a.*) Der Bruder Eugenius hingegen rastete nicht, sondern wurde ein berühmter Mönch, weiß wie Marmor im Gesicht, aber mit glühenden Augen und dem Anstand eines Erzengels. Er bekehrte viele Heiden, pflegte die Kranken und Elenden, vertiefte sich in die Schrift, predigte mit goldener Glockenstimme und ward sogar, als der Abt starb, zu dessen Nachfolger erwählt, also daß nun die feine Eugenia ein Abt war über siebenzig gute Mönche, kleine und große.

10 (*b.*) In einer Laube am Meere stand abgeschieden von der übrigen Welt ein junges Paar, ein hübscher junger Mann gegenüber dem allerzartesten Mädchen. Dieses hielt eine große, schöngeschnittene Schale empor, aus durchscheinendem rötlichen Steine gemacht, um sie von dem Jünglinge bewundern zu lassen, und die Morgensonne strahlte gar herrlich durch die Schale, deren roter Schein auf dem Gesichte des Mädchens dessen eigenes Erröten verbarg.

3. Translate :—

10 (*a.*) Bolz (eifrig). Und trittst du zurück, so erleidet unsere Partei einen empfindlichen Verlust. (schnell und nachdrücklich) Die bevorstehende Sitzung der Kammern wird verhängnißvoll für den Staat. Die Parteien sind einander fast gleich. Jeder Verlust einer Stimme ist für unsere Sache ein Unglück. In dieser Stadt haben wir außer dir keinen Candidaten,

Value.

deſſen Popularität groß genug iſt, ſeine Wahl wahrſcheinlich zu machen. Entziehſt du dich aus irgend einem Grunde der Wahl, ſo ſiegen unſere Gegner.

13 (*b.*) Bolz. Mein völliger Ernſt. Warum ſoll ich mich Ihnen anders zeigen, als ich bin? Wir Zeitungsſchreiber füttern unſern Geiſt mit Tagesneuigkeiten, wir müſſen alle Gerichte, welche Satan für die Menſchen kocht, in den allerkleinſten Biſſen durchkoſten, darum müſſen Sie uns ſchon etwas zu Gute halten. Der tägliche Aerger über das Verfehlte und Schlechte, die ewigen kleinen Aufregungen über alles Mögliche, das arbeitet in dem Menſchen. Im Anfange ballt man die Fauſt, ſpäter gewöhnt man ſich darüber zu ſpotten. Wer immer für den Tag arbeitet, iſt es bei dem nicht auch natürlich, daß er in den Tag hinein lebt?

15 4. Write in German a character sketch of the colonel in "Die Journalisten."

20 5. Give a resumé in German of any one of Keller's Legenden.

University Matriculation (Senior); and Senior Grade.

ALGEBRA. (Time, 3 hours.)

8 1. Solve $(x^2+x^{-2})^2 + 4(x^2+x^{-2}) = 12$.

8 2. Simplify $\frac{3}{1-\sqrt{2}+\sqrt{3}} + \frac{1}{1-\sqrt{2}-\sqrt{3}} - \frac{2}{1+\sqrt{2}-\sqrt{3}} + \frac{3}{\sqrt{2}}$.

7 3. If $a:b=c:d$, prove that $ac:bd=a^2+c^2:b^2+d^2$.

12 4. Find the sum of the following series:—

(*a.*) 1, $2\frac{1}{4}$, $3\frac{1}{2}$ . . . . to 12 terms.

(*b.*) $\frac{3}{2}$, $\frac{2}{3}$, $\frac{8}{27}$ . . . . to infinity.

9 5. The difference between two numbers is 48, and their Arithmetic Mean exceeds the Geometric Mean by 18: find the numbers.

9 6. If α and β are the roots of the equation $6x^2+5x=7$, find the equation whose roots are $\frac{2\alpha}{\beta}$, $\frac{2\beta}{\alpha}$.

6 7. Obtain the quadratic equation whose roots are $1+\sqrt{5}$ and $1-\sqrt{5}$.

9 8. A dealer has for sale 8 bay, 7 grey, and 6 black horses. A purchaser requests that 12 horses, 4 of each colour, be sent to him. In how many different ways can the dealer execute the order?

14 9. (*a.*) Find the value of r if the coefficient of x^r in the expansion of $(1+x)^{20}$ is twice the coefficient of x^{r-1}.

(*b.*) Find by means of the Binomial Theorem the value of

$$(2\sqrt{a}+3)^6 + (2\sqrt{a}-3)^6.$$

9 10. Find the coefficient of x^{-10} in the expansion of $\left(x^4+\frac{1}{x^2}\right)^8$.

9 11. Find the greatest term in the expansion of $(2+\frac{2}{7}x)^{11}$ when $x=14$.

TRIGONOMETRY. (Time, 3 hours.)

Value.

15 1. Prove geometrically :—

(*a.*) $\cos(A - B) = \cos A \cos B + \sin A \sin B$.

(*b.*) $\sin(270° - A) = -\cos A$.

(*c.*) In *any* triangle ABC, $\cos A = \frac{b^2 + c^2 - a^2}{2bc}$.

10 2. The latitude of London is 51° N, and the radius of the earth is 4,000 miles. How far is London from the equator, measured along the earth's surface, and how far from the earth's axis? (Given $\cos 51° = .6293$).

16 3. Prove :—

(*a.*) $\frac{\sin 3A}{\sin A} - \frac{\cos 3A}{\cos A} = 2$.

(*b.*) $4(\sin^6\theta + \cos^6\theta) = 1 + 3\cos^2 2\theta$.

(*c.*) $\sin(60° - A)\cos(30° + A) + \cos(60° - A)\sin(30° + A) = 1$.

12 4. At noon a ship, sailing W. 16° S. at 12 miles an hour, observes a fort in direction S. 31° W. At 1.40 p.m. the fort bears S. 16° E. from the ship. Find the distance of the ship from the fort at each observation.

$$\left\{\text{Given } \begin{matrix}\tan 43° = .9325,\\ \cos 43° = .7314.\end{matrix}\right\}$$

12 5. Solve the triangle ABC, given $B = 30°$, $b = \sqrt{6}$, $c = 2\sqrt{3}$.

12 6. (*a.*) Write the formulas for finding the area of a triangle, having given :—

(1.) The base and height.

(2.) Two sides and the included angle.

(3.) Three sides.

(4.) Three sides and the radius of the circumscribed circle.

(5.) Three sides and the radius of the inscribed circle.

(6.) Three sides and the radius of the escribed circle.

(*b.*) Derive the second and the fifth.

10 7. (*a.*) Solve $\sin\theta + \operatorname{cosec}\theta = \frac{3}{\sqrt{2}}$.

(*b.*) Prove $Rr(\sin A + \sin B + \sin C) = \Delta$ (area of the triangle).

13 8. A tower BCD, surmounted by a spire DE, stands on a horizontal plane. At the extremity A of a horizontal line BA, it is found that BC and DE subtend equal angles. If BC = 9 feet, CD = 72 feet, and DE = 36 feet, find BA.

VICTORIA, B.C.:
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1920.

PROVINCE OF BRITISH COLUMBIA

TWENTY-THIRD REPORT

OF THE

PROVINCIAL BOARD OF HEALTH

INCLUDING

EIGHTH REPORT OF MEDICAL INSPECTION OF SCHOOLS AND THE FORTY-SEVENTH REPORT OF VITAL STATISTICS DEPARTMENT

FOR THE

YEAR ENDING JUNE 30TH, 1919

PRINTED BY
AUTHORITY OF THE LEGISLATIVE ASSEMBLY.

VICTORIA, B.C.:
Printed by WILLIAM H. CULLIN, Printer to the King's Most Excellent Majesty,
1920.

PROVINCIAL BOARD OF HEALTH,

VICTORIA, B.C., June 30th, 1919.

To His Honour Sir FRANK STILLMAN BARNARD, K.C.M.G.,

Lieutenant-Governor of the Province of British Columbia.

MAY IT PLEASE YOUR HONOUR:

The undersigned has the honour to present the Report of the Provincial Board of Health for the year ending June 30th, 1919.

J. D. MACLEAN,

Provincial Secretary.

REPORT *of the* PROVINCIAL BOARD OF HEALTH.

PROVINCIAL BOARD OF HEALTH,
VICTORIA, B.C., July 31st, 1919.

Doctor the Honourable J. D. MacLean,
Provincial Secretary, Victoria, B.C.

SIR,—I have the honour to submit the Twenty-third Annual Report of the Provincial Board of Health.

The report immediately preceding this was for the six months ending June 30th, 1918. The change in the date of issuing the report, as pointed out, is due to the fact that our Legislature meets the second week of the year and does not allow of us receiving a full report, especially school reports, for publication for presentation to the House. Accordingly, with your approval, the date of issuance of our report was changed to midsummer. This gives us the opportunity of receiving full reports from the outlying portions of the Province, and the present report will be for the year July 1st, 1918, to June 30th, 1919.

The past year has been an eventful one in public-health work. There has been a great awakening amongst the public, with a consequent strengthening of the hands of those in charge of public-health work, and the result has been the bringing into practical effect many of the recommendations that have been made by health authorities from time to time.

The greatest instance of the awakening of the public on the matter of health was the culmination of the insistence of recognition of health matters by the establishment of the Federal Health Department under a Minister of Health.

Heretofore, some two years ago, the public-health authorities recognized the need of co-operation as between the Provinces, and steps were undertaken to form a "Health Act" which would be passed by each of the Provinces, bringing about standardization of method and the formation of a Council which would deal with health questions that were recognized to be Dominion-wide. The questions of infant-welfare, tuberculosis, and venereal disease may be dealt with as Provincial matters; still it was easily recognized that a campaign that was intended to deal in an effective manner with any one of these should be Dominion-wide in its scope. While this effort was being made, fortunately effect was given by the Dominion for the formation of a Federal Ministry of Health. This Department has been formed and the representatives of the Provincial Boards of Health of the Provinces are, by virtue of the Act, made a Dominion Health Council to act in an advisory capacity to the Minister of Health.

All the Acts which have been under administration by the Dominion authorities, such as the "Quarantine Act," "Adulteration Act," "Public Works Health Act," "Leprosy Act," "Shipping Act," and "Patent Medicine Act," shall be centred under the Ministry of Health. They have previously been administered by different departments of the Government. Under the "British North America Act" health matters are a matter for Provincial administration, and the Dominion Act specifically states that the Dominion Board of Health shall not exercise any jurisdiction over any Provincial or Municipal Board of Health. The jurisdiction of the different bodies is very clearly defined. There will be co-operation as between the Federal departments and the different Provinces in the Dominion.

The first meeting of the Dominion Council was held and measures discussed for immediate action by the health authorities of the Dominion as a whole for control of venereal diseases, conservation of child-life, industrial hygiene, rural hygiene, habit drugs, and measures against influenza. Financial assistance is being granted by the Dominion Government to the Provinces on the basis of population to assist in the establishment of measures to be taken against venereal

diseases. "Venereal Diseases Acts" have been passed by the different Provinces and the campaign in this respect is now Dominion-wide. I will discuss later in the report the venereal question as affecting British Columbia.

During the past three or four years the reports of the Provincial Health Department as regards the presence of disease in the Province has been eminently satisfactory, and it has been very gratifying to be able to record in succeeding years that we have been steadily gaining, and able to show a small but appreciable decline in the percentage of deaths from infectious diseases. The percentage for the first six months in 1918 shows a very favourable condition of affairs, but, unfortunately, the invasion of the influenza during the latter part of 1918 has raised the percentage of deaths, and I have to report a percentage per thousand of 14.78. This increase was entirely due to the influenza.

There was a slight increase in the deaths from infectious diseases, but not such, with our population, as to warrant any apprehension. The epidemic of influenza, however, exacted its toll to an extent of about 1 per cent. of our population, including the deaths among the Indians. While this may appear high, yet in comparison with other countries we were amongst the fortunate ones.

The invasion of the epidemic was sudden. It swept over the country, following the lines of travel, and in many instances found us ill-prepared to meet such an overwhelming calamity. Over 200 of our medical men and as many nurses had gone to the Front. The Department, by your direction, took immediate action, and every Government Agent was notified to assist the local authorities in their districts and to assure them that financial assistance would be given. Buildings were commandeered for hospitals, volunteer forces of nurses were formed, and the citizens responded nobly to the call for assistance. An Order in Council was issued placing a ban upon all meetings. Some objection was raised at some points, but the death-rate in the localities that placed the ban on immediately, and enforced it, is very much below the death-rate of those points that were dilatory in adopting these measures. The use of the mask was not enforced. A supply of vaccine was received from the Connaught Laboratories, also some from Dr. Gordon Bell, of Winnipeg, and distributed. The reports that we received as to the results of the use of the vaccine were very contradictory, and our experiences in this correspond with those of all other places. A great deal of investigation has been carried on in regard to vaccines, and the consensus of opinion is that we do not know the exciting cause of the influenza and have not been able to isolate the germ; there is no vaccine against influenza. There is, however, a vaccine against its complications which is of value.

In case of invasion during the coming fall the Connaught Laboratories have assured me that they do not intend to manufacture any preventive vaccine.

Active steps have been taken by the Department in case of a repetition of the epidemic. All the Medical Officers of Health have been communicated with and they have been asked to secure the co-operation of all the local organizations. The replies have been very satisfactory, and we feel that we are as well prepared as possible should we be unfortunate enough to have a recurrence of the disease.

I do not anticipate the recurrence of the influenza in anything like the severe form that we suffered from last year. As far as I can gather, I conclude that at least 30 per cent. of our population suffered from the attack. This, no doubt, will confer a certain degree of immunity.

Venereal.—During the past session of the Legislature a "Venereal Diseases Act" was placed upon the statute-books, to be brought into effect by Proclamation of the Lieutenant-Governor in Council. It was placed in this way in order to enable the Federal Department to assume shape, as we knew it was the intention immediately afterwards to call a conference for the Provincial officers as a Dominion Health Executive to discuss plans of co-operating in the enforcement of the "Venereal Diseases Act" throughout the Dominion.

We have made arrangements for our laboratory-work, for the appointment of experts, and the establishment of clinics, beginning in the two larger centres of Victoria and Vancouver. Medical men will be required to report such cases, and the provisions of the Act allow us to compel those affected to take treatment until they become non-infective. There may be some difficulties at first in securing the co-operation of the medical profession, but I would recommend, as an incentive to the medical men to report the cases, that all treatment be furnished free by the Department.

At present the cost of the treatment is high owing to the existence of a monopoly which was granted to two companies for the manufacture, but strong efforts are being made to permit of Provincial Boards procuring the remedy from the Connaught Laboratories in Ontario, which institution is competent to proceed at once with the manufacture of such remedies and to furnish the Provincial Boards at a cost of about 50 cents a dose. This would be of very material assistance, as the present market price is $2 a dose.

We look for co-operation from the medical men, and naturally, from the Department's standpoint, we are anxious to secure such co-operation, as it is only by the reporting of infectious diseases that the real worth of the Department can be made manifest. At the same time we recognize the fact that the medical profession are asked to make reports of many kinds to Government departments, and to busy men this task becomes irksome, but we have no doubt that the medical profession, more than any one else, will recognize the benefits of the remedy.

The medical profession were largely instrumental in keeping alive the interest in the establishment of the Dominion Ministry of Health and enactment of legislation dealing with venereal diseases, but the real credit for the formation of the Department and the entering upon by the Provinces of an active campaign against venereal diseases is due to the women of Canada. It has been from gradual education in public-health matters and to the great interest taken by the women of Canada in the medical reports given of the troops during the war that has brought about the great progress that we are making in public-health matters with the public.

There were no great discoveries in health matters made during the war, but the results obtained from the application of the rules of health which had been taught for years and years by health authorities has done more in four years of the war to advance with the public an acknowledgment of these truths than would have happened in twenty-five years under the old methods.

We are at the beginning of an era where a great advance will be made by following up the impression that has been made. Health authorities can only go just a little bit faster than the public will admit, but there has been a reversal, and the public are now demanding that they shall be told what to do, and this opens up the opportunity for the public-health nurse.

Health-teaching by Public Health Officers, including visiting nurses, has made in the last few years a great impression upon the communities where it has been carried on. Such health education is going to be recognized as of fundamental importance; it is largely because of this, and not because disease is more successfully treated, that the great reduction in the sickness and death-rate has been effected. Unless backed by educational agencies, efforts at improvement in public health have almost invariably proved to be very transitory in their effects.

Recognizing these facts, the Department is undertaking the establishment of health centres throughout the Province. The first was established in the Municipality of Saanich, adjoining Victoria, under the charge of Miss Forshaw, Victorian Order Nurse, a young lady of exceptional ability, possessing great organizing powers, enthusiastic in her work, and possessing the valuable faculty of being able to impress and enthuse others. Miss Forshaw took charge of the work in Saanich, and it has grown until now there are three nurses engaged; a health-centre house has been opened as temporary quarters; a by-law is being submitted to the people to raise $25,000 to build a permanent home.

The practical work that Miss Forshaw and her colleagues have carried out has been a wonderful help to the Department by impressing upon the other districts the benefits to be derived from following this plan. Other points on the Island are asking now for nurses, and, at your instance, Miss Forshaw was sent to visit the Women's Institutes through the eastern part of the Province. It is very gratifying indeed to learn from those whom she visited of the impression she made.

I have recognized that the success of this movement would depend entirely upon the continued interest of the women, and I felt that the best means of reaching the people of British Columbia was through the Women's Institutes.

Mrs. V. MacLachlan, Secretary of the Women's Institutes for the Province, was largely instrumental in starting the Saanich Health Centre, and I am very pleased indeed that I was able to secure Mrs. McLachlan's help and hearty co-operation in bringing the matter to the attention of the different Women's Institutes. Mrs. MacLachlan is an enthusiastic worker, a splendid speaker, a good writer, and, with a thorough knowledge of her subject, is able to present the facts in a manner that carries conviction.

The object of the establishment of these centres will be to do the follow-up work, especially as regards the school-children, infant-welfare, maternity and tuberculosis work. We have made such a beginning that I feel very hopeful for the future development of health-work along these lines.

The Department is to be congratulated in having in yourself a professional man, medical graduate, who is very much alive to the importance of our work, and I am confident that under your guidance and continued sympathy the expansion of our Board and of our work will be gratifying to yourself and satisfactory to the people of British Columbia.

During the past year the launch belonging to the Department has been in active service, and was particularly valuable during the attack of the influenza in reaching outlying points along the sea-coast. During the past few months it has been on continuous duty visiting the logging camps to the north.

The sanitation-work has been carried out by our Inspectors very satisfactorily indeed, and I have to acknowledge my indebtedness to the efforts put forth by the Provincial Police in their different districts in visiting and reporting upon camps. Regulations are enforced. It is difficult in a Province such as this to keep track of the many camps of sub-contractors at different points, and no doubt abuses exist, but as soon as they are called to the attention of the Department remedial action is at once taken. The report of Mr. DeGrey, our Chief Sanitary Inspector, accompanies this report.

Eight cases of smallpox were reported from Vancouver, source of infection being from a ship from the Orient. The cases proved to be of a very severe type and there were two deaths, but through the prompt action of the health authorities at Vancouver there was no spread of the disease in that vicinity.

Smallpox of a very mild character developed at one or two Indian reservations, but was kept well in hand by the Indian authorities. Some three cases appeared in Victoria, being traced as coming from Alberta. They were very mild. We took advantage of the existence of these cases to vaccinate the school-children, and a large percentage of the school-children both in Victoria and Vancouver were vaccinated.

For outlying districts the Department sent out 6,200 points of smallpox vaccine and 515 doses of typhoid vaccine.

Isolated cases of typhoid appeared in different parts of the Province, but nothing approaching an epidemic at any one point, and at no point where it appeared was there more than one death, except in the City of Vancouver, where some cases developed amongst the men employed in the shipyards.

Three million one hundred and eleven thousand units of diphtheria antitoxin were sent out. The use of this large amount does not indicate the existence of diphtheria, as we have very few cases of diphtheria reported, but it was used by a number of the physicians as a prophylactic in the influenza epidemic.

There were slight outbreaks of disease as follows: Measles, Langley Municipality and Enderby; mumps, Ashcroft and Kelowna; chicken-pox, Langley Municipality; ringworm, Edgewood and Britannia Beach; goitre, Edgewood, Mission, and Port Coquitlam; influenza, all parts of the Province.

There was also one case of anterior poliomyelitis, Surrey Municipality; one case of rhinoscleroma, Galician in Victoria; one case of anthrax reported from Oak Bay (man working at James Island infected by shaving-brushes); one case of meningitis, Oak Bay (soldier died). Several cases of meningitis in South Vancouver Municipality.

The following cemeteries were approved by the Provincial Board: Maple Ridge extension; Ocean View Burial Park (Vancouver); Fruitvale; Crawford Bay; Cawston.

Water-supplies approved: Pacific Mills, Limited, at Ocean Falls.

Sewerage system approved: Pacific Mills, Limited, at Ocean Falls.

The report of the Sanitary Inspector, Hospital Inspector, and the Deputy Registrar of Births, Deaths, and Marriages accompanies this report.

In reference to the Vital Statistics Branch, the Dominion authorities have, as a result of a conference with the Provinces, adopted a uniform "Vital Statistics Act" for the use of all the Provinces, with uniform forms, and it is my intention to ask you to present these to the Legislature at the coming session of the House.

I have to acknowledge very gratefully the work of my staff. They all take a very live interest in their work. They are loyal to the Department, and I am very pleased indeed to take this opportunity of expressing my appreciation of their efforts.

I have to thank you, sir, for the very sympathetic interest which you take and of the consideration you have given to the recommendations which I have made to you from time to time.

I have the honour to be,
Sir,
Your obedient servant,
H. E. YOUNG,
Provincial Officer of Health.

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TABLE SHOWING RETURNS OF CASES OF CONTAGIONS IN THE PROVINCE.

	Infantile Paralysis.		Tuberculosis.		Mumps.		Leprosy.		Typhoid Fever.		Scarlet Fever.		Smallpox.		Diphtheria.		Chicken-pox.		Whooping-cough.		Scarlatina.		Erysipelas.		Measles.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Abbotsford District																	1									
Alberni and District			17																							
Anyox			1										2													
Brechin															1											
Britannia Beach			1																						2	
Burnaby			2	1					2		2				1		10								3	
Chase									2	1			9													
Chilliwack City			1																							
Chemainus			2												1											
Clayoquot																									2	
Creston			2	1											2	1									1	1
Cowichan					1								1				1								2	
Cumberland											1															
Denman Island			2																							
Duncan and District			5																						1	
Edgewood and District											7								2							
Enderby											4															
Esquimalt			7								4														1	
Fernie							1				13		1													
Gabriola Island									1																	
Gibson's Landing																									11	
Golden																									20	
Graham's Landing and District											4															
Grand Forks			4						2																5	
Greenwood and District			1						1						3		1									
Hazelton and District			21		1				1										36	1						
Hedley and Similkameen Valley			3		20																					
Hope															1											
Islands District			1												1	1										
Kamloops			25										1													
Kitwanga District			2																							
Langley District			4	1															4							
Lucerne																	5		1						3	
Lytton			10	1																						
Matsqui Municipality			6	2	3				3		1				1		22									
Merritt and District			5	2	485				6																199	
Michel			9																							
Mill Creek			1	1													2									
Mission and District					14	1			3								10									
Nakusp											3						15									
Nanaimo											3				8	1	2								6	
Nelson															8											
New Denver and Slocan District															8											
Oak Bay											8						20									
Ocean Falls			3																							
Phoenix															1	1										
Powell River			3																							
Point Grey Municipality			2	1					1		3		2		6		9								3	
Port Alice									1																	

Port Coquitlam					3												10												
Port Simpson			49								2																		
Prince Rupert			5	1																									
Prince George																			18	1									
Princeton																	1												
Qualicum Beach					1																								
Rossland								2	2																				
Sandon								2																					
Savona																											3		
Sidney												2					75												
Slocan, South								2																					
Sooke			3																										
Squamish			1	1													2										5		
Squam Bay																			1										
Summerland Municipality			16																										
Telegraph Creek																													
Trail City			1	1	300			4	1					140	2														
Trail District			1	1	10																								
Vancouver			386	103	46			26		35	1	11		97	2	242		88	4							56		
Vancouver, North			5	5	10			4		1				3	1	39		3								10		
Vancouver, South			21	8	32			1		18	1			5		14		18						1	1	19		
Vernon								2																					
Victoria			93	19	10		1	3		19	1	8		19		44		28								19		
Totals			721	149	937	1	2	69	4	128	3	35		306	8	525		199	6					1	1	371	1		

GENERAL REPORTS.

SANITARY INSPECTION.

Sanitary Inspector's Office,
Victoria, B.C., June 30th, 1919.

H. E. Young, M.D., LL.D.,
Provincial Officer of Health, Victoria, B.C.

Sir,—I have the honour to present the Ninth Report on Sanitary Inspection for the Provincial Board of Health.

The protection and preservation of a public water-supply being the first important step in sanitation, I would beg to remind you that less than two years ago the probability of polluted watersheds supplying one-half of our population agitated the minds of the governing bodies for the areas interested to a very marked degree. As a result the Provincial Board of Health formulated regulations dealing with the subject at length and approved of by the municipalities affected. These regulations have been put into effect with very satisfactory results, and although much industrial development has occurred in one of the watersheds, not a single case of typhoid or other water-borne infection has developed so far. This result has been brought about by the ready and sympathetic co-operation accorded to your officials by the municipal authorities and contractors interested.

The prospects of logging and mining on the Burrard watershed area will, in the very near future, assume vast proportions, and if the public health is to be safeguarded, greater vigilance and precautionary measures must be exercised by the Provincial and municipal authorities. It is quite possible to protect the water without throttling industrial development. Pollution of Kootenay Lake water at Balfour through spasmodic fractures and eruptions from the septic discharge irrigation system has been eliminated by the installation of a dual system of chlorinating-chambers. It was installed under the personal supervision of Dr. Oleson, Superintendent of the Balfour Military Convalescent Hospital, and has proved to be most satisfactory in its functions.

Summer Resorts.

The summer or seaside resorts of British Columbia are being invaded as never before, and this in spite of a backward spring and inadequate transportation facilities. The camps used at these places are of a temporary nature and insufficient attention is given to proper disposal of refuse and excreta, and frequently a proper supply of fresh water is not available. An educational campaign is being carried on by the distribution of health posters coupled with rigid sanitary inspection.

Fruit- and Vegetable-canning Establishments.

The majority of these canneries are located in sunny Okanagan. The departmental regulations enforced at these establishments have proved to be quite satisfactory. Train-loads of packed and preserved fruit and vegetables have been shipped from this Province and have, through the excellence of flavour and care in packing, created a demand which will undoubtedly increase as this splendid food becomes better known. Grown, picked, and prepared under the most exceptional climatic and sanitary conditions, with Government supervision, it would indeed be difficult to predict the future limit of demand for Okanagan food products.

Fish-canning and Preserving.

British Columbia's world-famous salmon-stream, the Fraser River, supplied forty-seven canneries with the most edible salmon known—the sockeye. To-day the Fraser River has less than a third of the canneries in operation. However, the total number of fish-canneries throughout British Columbia has not diminished, owing to the fact that many new ones are being built in the northern part of the Province. These canneries are regularly inspected. The conditions of our regulations governing such establishments are being complied with in so far as the sanitary precaution of preparation is concerned.

The fish are fresh and firm. Filling, cooking, and cutting are being done by most ingenious machinery, scrupulously clean and free from rust. Cans are of the modern, sanitary, solderless type. From the time the fish leave the water to the period of sealing for export and use it is handled in the most cleanly method and protected from any possible contamination.

It is only in the disposal of the refuse cuttings and offal that we have to find fault, and even in that respect the number of canners defaulting is negligible, and located as they are in isolated places where quite often the existence of shoals of dogfish act as sea scavengers in devouring cannery refuse, which according to our regulations should be conveyed to an incinerator or dumped into the sea beyond the three-mile limit.

INDUSTRIAL CAMPS AND TOWNS.

The inspection of industrial camps is the chief work of this Department. The worker of to-day is no longer satisfied with pioneer methods of life, no matter how far his work may take him from the cities. He very rightfully demands all that the law allows in sanitary conveniences and general comfort.

It is very seldom a complaint is made as to poor or insufficient food. The food provided at 99 per cent. of the industrial camps is well cooked, wholesome, and without stint.

The housing and bathing facilities are not always up to the standard required by our regulations, but through the mediumship of our Provincial Police acting as Sanitary Inspectors a most thorough inspection of every camp in British Columbia is in effect. Already we have, through that source, several hundred inspection reports of camps from every district in the Province, and wherever a special journey of investigation is made by the writer several follow-up visits are made by the local constable. The employees are also well informed as to our regulations and do not hesitate to report any deficiency. Consequently the industrial camps in unorganized territory are in better shape to-day than ever before. It is furthermore the intention that even better provision for employees shall be made in the near future.

The Department was called upon by the Salmon Arm Local Board of Health to investigate and dispose of a slaughter-house nuisance, and at Chemainus a serious nuisance and menace to health, through the erection of insanitary shacks upon the foreshore, was attended to.

The attention of the Department is now engaged on an alleged nuisance by fertilizer plant on the North Arm of the Fraser River in South Vancouver.

Numerous cases of alleged menace or nuisance of a minor nature have been attended to at various parts of the Province, and others are now under investigation.

The work of the Department has been carried out in a systematic manner, and I am pleased to report the existence of a hearty co-operation on the part of both employers and employees, and also such evidence of improvements of conditions in general as to merit commendation from all sides.

In closing, I would wish to draw your attention to the very great and valuable assistance that we have received from the Provincial Police. Superintendent McMynn and all the members of the force have been untiring in their efforts to give effect to requests for special visits of inspection. Their regular reports on the sanitary condition of the camps in their individual district have been of great help to the Department, and have enabled us to keep our knowledge of the camps up to date. We have been enabled, through the work of the police, to give immediate attention to specific complaints and to bring about improvements. Their work is becoming increasingly valuable.

I have, etc.,

FRANK DEGREY,

Chief Sanitary Inspector.

HOSPITAL INSPECTION.

HOSPITAL INSPECTOR'S OFFICE,
VICTORIA, B.C., June 30th, 1919.

H. E. Young, M.D., LL.D.,
Provincial Officer of Health, Victoria, B.C.

SIR,—I have the honour to submit the Seventh Report on Hospital Inspection in British Columbia.

This part of my duties, fitting in admirably with that of Chief Sanitary Officer, has been carried out during the past year without breach or untoward incident. No complaints of mismanagement or inefficiency have been directed towards any public or licensed hospital in British Columbia.

A very creditable institution has just been opened by the City of Prince Rupert quite recently. The new wing to the King Edward Sanatorium, Tranquille, is just being completed. This addition will practically double the capacity of the institution.

The question of increased production by the farm must be dealt with. The present supply of milk will be entirely inadequate when the new wing is filled with patients. The dairy herd will have to be doubled, necessitating an increase in acreage to provide pasturage fodder and garden-truck. Modern and up-to-date dairy buildings and stock-barns will have to be built and the present ramshackle affairs in use done away with. The present buildings are too close to the Sanatorium, are not suited for the purpose, nor are they in keeping with the modern up-to-date institution to which they belong.

The Nanaimo General Hospital Board are seriously contemplating the erection of a new hospital. The Salmon Arm Hospital Board are also considering ways and means for the building of a much-needed twenty-bed hospital. North Vancouver City is also concerned over the existing inadequacy in that respect.

The following letter will explain why, in the face of hospital inspection, many deficiencies or omissions of a simple yet important nature exist in many of our new hospitals:—

VICTORIA, B.C., May 20th, 1919.

Dr. H. E. Young,
Provincial Officer of Health, Victoria, B.C.

SIR,—Whilst following instructions to inspect some of the hospital institutions just completed and under construction, I find glaring oversights in sanitary matters. Toilets are often misplaced; sewage-disposal plants located in a manner as to jeopardize adjacent water-supply; lighting, ventilation, and fire-escapes overlooked.

On pointing out these defects I am usually informed that plans were submitted to the Government and passed upon. This is probably so, and they are passed upon in so far as the proper specifications are concerned from an architect's or engineer's standpoint, but if it could be made compulsory that Government-aided institutions must first get plans approved by the Provincial Board of Health it would eliminate a lot of extras and expensive alterations afterwards.

An example of such oversight can be found in the new addition to the Tranquille Institution, where roof-vents have been overlooked, toilets misplaced, insufficient ventilation to kitchen, white finish to sun-rooms, lack of air-vent and preservative space between basement concrete and wood covering, and location of septic tanks unnecessarily near Kamloops Lake.

It is not my intention to cast reflection on any one, but just simply to show the position of officials of this Department being called upon to inspect without the opportunity of offering preventive suggestions before the plans are passed or accepted.

I have, etc.,
FRANK DEGREY,
Acting Hospital Inspector.

The number of private hospitals in British Columbia show a slight increase. Several new licences have been issued, two have been revoked, and several applications have been declined through lack of qualification or ill-suited premises.

Licences are issued for private hospitals in three grades—medical, maternity, and surgical—according to qualification of applicant and general suitability of premises to be used.

Many of the private hospitals are splendidly equipped, and, although not large, patients receive the care and skilled attention of nurses from the finest hospitals known. The private hospital fills the long-needed happy medium for the many requiring medical or surgical attention who are not disposed to enter a large public institution.

The work of suppressing illegal maternity homes require tactful vigilance. Five such places have been closed during the past year.

The orphanages are all very well conducted, and in spite of increasing responsibilities these institutions are carrying on their noble work. If the general public could be made aware of the struggle and strain entailed to keep these charitable homes up to their necessary standard, the public conscience would be awakened to greater activity on their behalf. The fact that many of the newer inmates are soldiers' orphans should make the plea for Federal assistance in their maintenance a reasonable one.

I have, etc.,

Frank DeGrey,

Acting Hospital Inspector.

MEDICAL INSPECTION OF SCHOOLS.

PROVINCIAL BOARD OF HEALTH,
VICTORIA, B.C., July 31st, 1919.

Doctor the Honourable J. D. MacLean,
Provincial Secretary, Victoria, B.C.

SIR,—I beg leave to submit the Eighth Annual Report of the Medical Inspection of Schools for the Province of British Columbia.

At the beginning of the school-year a letter was sent to the Medical Inspectors pointing out the character of the work that was desired by the Department, and also pointing out the fact that the interest in this work taken by the public is steadily increasing.

We adopted the system in our distribution of our reports of sending it to the Women's Institutes, and through the kindness of the Secretary of the Women's Institutes of the Province we circularized the institutes and called their attention to the medical report of the conditions existing amongst the pupils in their particular district. This has had a very salutary effect and has elicited criticism of the work. We had hoped to produce just such an effect, and in reply to these criticisms full explanations were given of the intention of the Act, and our correspondence urged the continuance of the oversight they had haply begun, and to report to the Department any neglect which they may have found on the part of the officials, and particularly to offer suggestions for the more perfect working of the Act. The response to our efforts to stimulate a greater interest amongst the examiners and the public has been gratifying.

Cards were issued to the Medical Inspectors to enable them to notify the teachers of the date of their visit to a particular school, and a request was made that through the teachers and pupils an invitation be extended to the parents to visit the school on the day of the medical inspection. Some slight response to this request has been received—as much as we can expect immediately following the initiation of such a movement; but the interest taken certainly shows that the effect will be increasingly great from year to year, and by the stimulation of the parental interest we can hope to have many of the defects remedied which heretofore have been neglected.

The physicians are not able to do much more than call the attention of the parents to the existence of defects and to advise that means be taken to overcome them. In my last report I suggested that an extension of this work be attempted by the appointing of qualified nurses. A beginning has been made in this respect, and now the Board of Health is undertaking the establishment of health centres throughout the Province in charge of a regular trained public-health nurse. The examination of the school-children by the medical practitioner will be supplemented by the advice of the trained nurse visiting the homes. We have found that it is not that the parents do not wish to follow advice, but that they do not understand, and an explanation from the trained nurse as to the effect of allowing defects to persist will bring about a very much larger percentage of cases being attended to.

We propose to continue to extend the work as far as possible and to make a further effort during the coming year through our health centres to have greater attention paid to the dental needs of the pupils.

We feel that we are on the eve of a period of much greater progress. The public are taking such an interest in health matters, and are realizing from the study of the figures furnished by the military authorities of the number of defects who were rejected on enlistment, that something will have to be done in the way of bringing about a better physical condition of our population. These defects can be remedied and cured if they are taken during childhood, and with the great extension of this work in Great Britain, United States, and Canada there should be a very marked improvement in the present rising generation when they reach maturity.

Criticisms have been offered as to the work of the schools inspection, such criticisms having been elicited on our request, and the suggestion has been made that the work has not accomplished its purpose. The impression may be formed of one particular school of such a nature, but in reply to these critics we have always written that an opinion of the benefits derived from the

work cannot be formed by basing such opinion on the examination of a few schools. When the reports which have been submitted by the Department during the past six years are gone over collectively, it is gratifying to the Department to feel that a great deal is being accomplished, and more particularly gratifying to note that the improvement is becoming more marked from year to year, and with our "follow-up" system, which we hope to institute, we feel confident that the changes for the better will be so apparent as to elicit commendation.

I am submitting a detailed report of the schools examined.

I have, etc.,

H. E. YOUNG,
Provincial Officer of Health.

SCHOOLS INSPECTED.

HIGH SCHOOLS.

High schools, 38. 1917-18: Reported, 22. 1918-19: Reported, 18.
Pupils inspected: 1917-18, 2,155; 1918-19, 2,013, a decrease of 142.

GRADED CITY SCHOOLS.

Cities, 35. 1917-18: Reported, 19; not reported, 16. 1918-19: Reported, 24; not reported, 11.
Pupils inspected: 1917-18, 24,019; 1918-19, 29,366, an increase of 5,347.

RURAL MUNICIPAL SCHOOLS.

Municipalities, 27. 1917-18: Reported, 16; not reported, 11. 1918-19: Reported, 18; not reported, 9.
Pupils inspected: 1917-18, 10,946; 1918-19, 11,869, an increase of 923.

RURAL AND ASSISTED SCHOOLS.

Schools inspected: 1917-18, 328, at a cost of $5,674.50; 1918-19, 354, at a cost of $5,835.80.
Schools not inspected: 1917-18, 173; 1918-19, 171.
Pupils inspected, 1917-18, 7,384; 1918-19, 8,396, an increase of 1,012.
Cost of inspection per pupil: 1917-18, 76⅓ cents; 1918-19, 69½ cents.
Percentage of defects: 1917-18, 86.11; 1918-19, 90.13, an increase of 4.02.
Medical Inspectors: 1917-18, 85; 1918-19, 80.
Reports from Medical Inspectors: 1917-18, 82; 1918-19, 76.

HIGH

Name of School.	Medical Inspector.	School Nurse.	No. of Pupils enrolled.	No. of Pupils examined.	Malnutrition.	Defective Mentality.	Defective Vision.	Defective Hearing.	Defective Nasal Breathing.	Adenoids.	Enlarged Tonsils.
Chilliwack	J. C. Henderson		105	103	1	....	1	....	....	4	10
Cumberland	G. K. MacNaughton		34	33	4	....	5	4	3	1	2
Duncan	W. Dykes	Mrs. Hopkins	....	40	....	....	1	1	....	1	5
Grand Forks	W. Truax		55	55	....	....	1	....	....	....	....
Haney	G. Morse		16	16	1	....	....	....	....	....	....
Kamloops	M. G. Archibald		89	82	....	....	8	....	3	1	7
Kelowna	W. J. Knox		52	52	....	....	1	....	....	1	2
Maple Ridge	G. Morse		15	13	....	....	1	1	....	....	1
Matsqui	R. H. Port		15	11	....	....	1	....	....	....	....
Nanaimo	W. F. Drysdale		98	98	....	....	9	....	....	8	22
Nelson	Isabel Arthur		192	100	....	....	13	1	3	....	8
New Westminster	J. G. McKay		353	339	10	....	5	1	3	48	60
Peachland	Wm. Buchanan		11	11	....	....	1	....	....	....	....
Prince Rupert	Neil M. McNeill		40	40	....	....	3	....	....	1	1
Revelstoke	J. H. Hamilton		87	81	....	....	3	....	....	....	6
Rossland	J. W. Coffin		40	40	....	....	2	....	....	....	....
Vancouver:											
Britannia	R. Wightman / H. B. Wilson		462	227	....	....	19	7	6	....	13
King Edward	R. Wightman / M. P. Hogg		807	305	1	....	19	5	2	1	22
King George	R. Wightman / M. P. Hogg		358	121	1	....	8	1	....	1	6
Kitsilano	R. Wightman / M. P. Hogg		93	36	....	....	1	....	....	....	3
Cecil Rhodes	R. Wightman / M. P. Hogg		173	62	....	....	6	2	....	....	4
Vancouver, North	E. A. Martin	Miss Brown	148	148	....	....	8	3	1	1	14

GRADED CITY

Alberni	C. T. Hilton		66	60	....	1	5	....	1	2	10
Armstrong	P. D. van Kleeck		211	211	23	25	26	11	4	58	93
Chilliwack	L. A. Patten		303	303	7	....	9	2	25	22	25
Cranbrook:											
Central	G. E. L. MacKinnon		....	363	....	....	26	....	1	....	62
South Ward	"		....	59	....	....	1	....	....	....	16
Kootenay Orchards	"		....	12	....	....	4	....	....	....	7
Cumberland	G. K. MacNaughton		381	359	81	25	34	41	80	9	96
Duncan	W. Dykes	Mrs. Hopkins	....	175	....	....	7	....	6	10	38
Enderby	H. M. Keith		170	130	....	....	18	....	1	1	50
Grand Forks	W. Truax		358	350	....	....	8	....	14	6	24
Kamloops	M. G. Archibald		492	473	....	....	12	5	17	15	75
Kelowna	W. J. Knox		400	380	4	....	7	2	....	7	9
Ladysmith	Montgomery & Watson		361	350	....	....	2	3	35	15	35
Merritt	G. H. Tuthill		261	234	1	....	12	....	8	12	39
Nanaimo:											
Quennell	W. F. Drysdale		707	655	....	....	41	1	....	62	175
Middle Ward	"		148	137	....	....	4	....	....	10	29
South Ward	"		156	100	....	....	1	2	....	16	45
Nelson	Isabel Arthur		693	600	6	1	28	2	20	28	66
New Westminster:											
Lord Kelvin	J. K. McKay	Miss Starke	307	295	3	....	5	1	2	67	90
Lord Lister	"	"	329	317	7	....	12	....	2	32	55
F. W. Howay	"	"	414	399	15	....	16	3	....	115	157
John Robson	"	"	426	307	4	....	9	5	3	47	93
Richard McBride	"	"	381	367	18	....	16	2	2	51	118
Herbert Spencer	"	"	336	318	7	....	12	2	4	58	136
Queensboro	"	"	353	339	10	....	5	1	3	48	60
Port Coquitlam:											
Central	G. A. Sutherland		180	128	2	....	9	3	16	21	23
James Park	"		89	66	....	....	5	....	9	7	9

SCHOOLS.

Defective Teeth.	Enlarged Glands.	Goitre.	Other Conditions, specify (Nervous, Pulmonary, Cardiac Disease, etc.).	Vermin.	Scabies.	Impetigo.	Ringworm.	Acute Fevers which have occurred during the Past Year.	Condition of Building. State if crowded, poorly ventilated, poorly heated, etc.	Closets. State if clean and adequate.
5	....	21	.....	....	....	....	....	.....	Good.....	Yes.
14	2	3	Cardiac 1; wax in ears, 9; skin-disease	....	....	....	....	Influenza; chicken-pox..	Heating not satisfactory	Not adequate.
1	1	4	anæmia, 5; curvature of spine, 1; hollow chest, 1; high palate, 1	....	....	....	1	Influenza, 9	Good.....	Good.
4	....	....	.....	....	....	....	....	Influenza.....	Poor	Bad.
2	....	....	.....	....	....	....	....	.....	Good.....	Clean.
15	....	11	.....	....	....	....	....	Chronic diphtheria, 1; psoriasis, 1	"	Good.
2	3	3	Cardiac, 1.....	....	....	....	....	Influenza.....	"	"
6	....	....	.....	....	....	....	....	.....	"	Clean.
....	....	4	.....	....	....	....	....	.....	"	Yes.
16	....	11	.....	....	....	....	....	Influenza, 11; diphtheria, 1	Fair.....	Good.
36	....	39	Heart, 1	....	....	....	....	Influenza, 100.....	Good.....	"
69	58	59	.....	....	....	....	....	.....	Modern	Yes.
....	....	10	.....	....	....	....	....	.....	Satisfactory	Clean and adequate.
3	....	2	.....	....	....	....	....	.....	Adequate	Adequate.
2	....	....	.....	....	....	....	....	.....	Good.....	Good.
6	2	....	.....	....	....	....	....	.....	"	Yes.
74	....	26	Heart trouble, 12; pulmonary, 1	....	....	....	....	Vaccinations, 102.....	"	Good.
55	....	36	Heart trouble, 14; pulmonary, 1	1	....	....	....	" 100.....	"	"
18	1	8	Heart trouble, 2	....	....	....	....	" 48.....	"	"
5	....	6	Heart trouble, 1	....	....	....	....	" 8.....	"	"
15	1	14	Heart trouble, 3	....	....	....	....	" 26.....	"	"
17	....	7	Hernia, 1.	....	....	....	....	Influenza, 40.	"	"

SCHOOLS.

15	1	7	.....	....	....	....	....	.....	Good.....	Adequate; boys, not clean.
130	6	45	.....	....	....	....	3	.....	"	Clean.
....	52	4	Cardiac, 2	....	....	1	1	Measles, whooping-cough	"	Clean and adequate.
164	....	24	Infantile paralysis, 1; flat feet, 1	....	2	....	....	.....	"	Good.
43	....	....	.....	....	....	....	....	.....	"	"
5	....	....	.....	....	....	....	....	.....	"	"
244	166	7	Wax in ears, 109; cardiac, 7; warts, 10; pulmonary, 1; orthopædic, 11; catarrh, 31; blepharitis, 2; defective speech, 1	....	....	2	...	Influenza; chicken-pox..	Heating very unsatisfactory.....	Inadequate but clean.
53	6	9	Orthopædic, 1; Defective palate, 1; poliomyelitis, 1; forticollis, 1; diseased hip, 1	....	....	....	....	Influenza, 34.....	Good.....	Good.
52	1	28	Anæmia, 2.....	....	....	....	....	"	"	Yes.
88	17	4	Cardiac, 2	....	....	....	....	"	"	Clean and adequate.
253	..	13	.....	....	....	....	....	.....	....	.....
11	5	12	Chorea, 7; cardiac, 4; asthma, 1	....	....	....	1	Mumps; influenza	"	Good.
70	4	4	.....	....	....	....	....	" "	"	Yes.
98	47	52	Cardiac, 2	1	....	....	....	Influenza, 38; measles, 35; mumps, 43	Satisfactory	"
265	6	23	Orthopædic, 1; catarrh, 1; skin, 1	6	....	....	....	Influenza, 295; diphtheria, 4	Good.....	Good.
68	3	1	.....	....	....	....	....	Influenza, 51...	"	"
82	5	....	.....	4	....	....	....	Influenza, 23; diphtheria, 1	"	"
329	6	89	.....	6	....	....	3	Influenza, 400; rubella, 1	"	Clean and adequate.
115	86	20	Total for City: Cardiac, 5; chorea, 2; poliomyelitis, 3; pulmonary, 3	35	26	84	9	....	Modern	Yes.
82	57	13						.....	"	"
126	109	54						....	Old; out of date.	"
106	71	22						.....	"	"
135	86	29						....	Modern	"
147	45	40						....	"	"
69	58	59						....	Old	"
33	23	5	Blepharitis, 3; stuttering, 1; pulmonary, 2	....	....	....	....	Influenza; chicken-pox, 10	Good.....	Clean and adequate.
24	15	10	Lateral curvature, 1; chronic endocarditis, 1	....	....	....	....	Influenza....	"	Clean and adequate.

GRADED CITY

Name of School.	Medical Inspector.	School Nurse.	No. of Pupils enrolled.	No. of Pupils examined.	Malnutrition.	Defective Mentality.	Defective Vision.	Defective Hearing.	Defective Nasal Breathing.	Adenoids.	Enlarged Tonsils.
Prince Rupert	Neil M. McNeill		576	542	16	4	21	4	11	25	80
Revelstoke:											
Central	J. H. Hamilton		263	248	....	....	7	....	2	4	20
Selkirk	"		277	260	....	....	12	....	6	22	49
Rossland:											
Central	J. W. Coffin		438	438	....	....	4	2	....	4	10
Cook Avenue	"		42	42	....	....	....	....	....	....	2
Sandon	A. C. Nash		46	29	....	....	4	....	....	1	5
Slocan	W. E. Gomm		62	50	1	....	3	....	1	1	24
Vancouver:											
Aberdeen	R. Wightman M. P. Hogg	M. Campbell	399	366	4	....	34	5	15	9	54
Alexandria	R. Wightman B. H. Wilson	V. B. Stevens	587	544	13	....	58	12	18	8	73
Bayview	R. Wightman M. P. Hogg	A. Derraugh	315	321	2	1	23	6	14	2	40
Beaconsfield	R. Wightman B. H. Wilson	M. Cruikshank	235	239	11	....	15	4	6	5	32
Charles Dickens	R. Wightman B. H. Wilson	V. B. Stevens	306	314	9	....	27	8	15	8	42
Cecil Rhodes	R. Wightman M. P. Hogg	A. Derraugh	421	405	2	1	23	4	8	2	45
Central	R. Wightman M. P. Hogg	M. Campbell	830	736	20	25	73	12	40	20	121
Children's Home	R. Wightman B. H. Wilson	M. Cruikshank	98	80	....	1	13	2	4	2	9
Dawson	R. Wightman M. P. Hogg	M. Campbell	912	887	2	10	61	9	27	15	101
Fairview	R. Wightman M. P. Hogg	M. Derraugh	565	441	8	1	35	7	17	22	87
Florence Nightingale	R. Wightman B. H. Wilson	V. B. Stevens	692	735	15	1	46	20	27	12	96
Franklin	R. Wightman B. H. Wilson	M. Cruikshank	218	242	1	1	11	8	9	2	25
General Gordon	R. Wightman M. P. Hogg	M. Derraugh	392	401	2	....	40	3	29	8	61
Grandview	R. Wightman B. H. Wilson	R. Horning	564	528	....	....	30	10	10	7	52
Hastings	R. Wightman B. H. Wilson	M. Cruikshank	506	603	3	....	42	12	20	5	46
Henry Hudson	R. Wightman M. P. Hogg	M. Derraugh	537	523	7	....	23	20	24	12	87
Kitsilano	R. Wightman M. P. Hogg	"	434	464	2	....	26	7	19	4	52
Laura Secord	R. Wightman B. H. Wilson	M. Cruikshank	394	390	8	..	24	10	8	4	47
Livingstone	R. Wightman B. H. Wilson	V. B. Stevens	369	388	13	....	45	18	16	15	61
Macdonald	R. Wightman B. H. Wilson	R. Horning	414	397	6	....	29	13	13	9	67
Model	R. Wightman M. P. Hogg	M. Ewart	490	591	3	1	37	12	20	7	57
Mount Pleasant	R. Wightman B. H. Wilson	V. B. Stevens	691	711	19	....	55	18	41	4	89
Nelson	R. Wightman B. H. Wilson	M. Cruikshank	661	641	7	....	21	11	7	8	47
Roberts	R. Wightman M. P. Hogg	M. Campbell	935	920	3	....	54	22	25	17	110
Seymour	R. Wightman B. H. Wilson	R. Horning	713	629	10	1	40	19	23	12	75
Simon Fraser	R. Wightman M. P. Hogg	M. Ewart	606	622	7	8	44	18	28	18	90
Strathcona	R. Wightman B. H. Wilson	R. Horning	762	747	14	26	74	15	42	12	121
Tennyson	R. Wightman M. P. Hogg	M. Derraugh	589	609	7	...	15	13	12	12	63
Deaf	R. Wightman B. H. Wilson	E. G. Breeze	33	33	1	2	9	32	....	1	8
Blind	R. Wightman	"	6	6	....	....	6	1	....	....	3
Vancouver, North:											
Lonsdale	E. A. Martin	Miss Brown	361	361	2	1	6	....	4	68	70
Queen Mary	"	"	442	440	2	....	13	5	6	52	84
Ridgeway	"	"	418	415	3	3	7	6	5	42	61
Victoria:											
Bank Street	H. J. Wasson	M. Grimmer	165	161	1	....	....	....	....	2	16
Beacon Hill	"	"	131	126	....	....	....	....	....	....	25
Burnside	"	"	229	231	1	1	4	....	....	....	26

SCHOOLS—*Continued.*

Defective Teeth.	Enlarged Glands.	Goitre.	Other Conditions, specify (Nervous, Pulmonary, Cardiac Disease, etc.).	Vermin.	Scabies.	Impetigo.	Ringworm.	Acute Fevers which have occurred during the Past Year.	Condition of Building. State if crowded, poorly ventilated, poorly heated, etc.	Closets. State if clean and adequate.
138	63	....	Anæmia, 8; defective speech, 5; nephritis, 1; jaundice, 1; unclean, 2; bronchitis, 1; tuberculosis, 1; chorea, 1	2	...	4	1	Influenza, 25; measles, 1; chicken-pox, 8	Adequate	Adequate.
18	2	5	.....	....	....	1	....	....	Good.....	Good.
12	3	7	.....	....	....	1	....	....	"	"
47	18	4	Rheumatic endocarditis, 4.....	....	....	....	....	Chicken-pox, 45.....	"	Yes.
7	....	....	.....	....	....	....	....	" 2.....	"	"
14	5	....	Defective speech, 3	....	..	....	....	Influenza.....	Normal	Not adequate.
....	....	18	Cardiac, 2	....	....	....	...	"	Good.....	Clean and adequate.
75	20	10	Vaccinations, 59; heart trouble, 13; pulmonary, 8	....	....	....	....	....	"	Yes.
125	5	28	Vaccinations, 125; heart trouble, 17; pulmonary, 2	....	....	....	....	....	"	"
69	5	21	Vaccinations, 70; heart trouble, 8; pulmonary, 3	1	....	....	....	.....	"	"
60	....	5	Vaccinations, 58; heart trouble, 5	10	1	....	....	....	"	"
68	2	13	Vaccinations, 67; heart trouble, 7; pulmonary, 2	5	1	1	....	.....	"	"
62	3	5	Vaccinations, 102; heart trouble, 2; pulmonary, 1	4	....	....	....	.....	"	"
155	33	26	Vaccinations, 202; heart trouble, 11; pulmonary, 9	11	....	1	1	.....	"	"
13	2	5	Vaccinations, 13; heart trouble, 3	1	1	....	....	....	"	"
200	29	55	Vaccinations, 209; heart trouble, 17; pulmonary, 5	....	....	....	....	....	"	"
106	11	15	Vaccinations, 115; heart trouble, 5; pulmonary, 2	4	....	....	....	....	"	"
190	5	48	Vaccinations, 147; heart trouble, 20; pulmonary, 5	1	3	....	....	....	"	"
56	5	10	Vaccinations, 88; heart trouble, 6; pulmonary, 3	3	....	....	....	.....	"	"
51	9	5	Vaccinations, 86; heart trouble, 9; pulmonary, 2	....	....	....	....	....	"	"
125	3	11	Vaccinations, 100; heart trouble, 11; pulmonary, 2	....	3	....	1	.....	"	"
97	13	19	Vaccinations, 122; heart trouble, 14; pulmonary, 2	1	2	....	...	.....	"	"
114	11	18	Vaccinations, 123; heart trouble, 12; pulmonary, 5	4	....	....	....	....	"	"
76	8	15	Vaccinations, 76; heart trouble, 6; pulmonary, 2	...	.. .	....	....	.....	"	"
85	7	11	Vaccinations, 96; heart trouble, 6; pulmonary, 2	2	....	1	....	....	"	"
96	28	24	Vaccinations, 102; heart trouble, 14, pulmonary, 2	3	....	....	....	.....	"	"
95	6	16	Vaccinations, 85; heart trouble, 8	2	....	....	....	.....	"	"
143	11	18	Vaccinations, 112; heart trouble, 5; pulmonary, 3	8	....	....	....	.....	"	"
190	7	15	Vaccinations, 210; heart trouble, 25; pulmonary, 6	4	2	....	....	.....	"	"
146	6	25	Vaccinations, 134; heart trouble, 19; pulmonary, 1	....	....	....	....	....	"	"
160	12	21	Vaccinations, 277; heart trouble 17; pulmonary, 5	1	....	....	....	.....	"	"
142	7	26	Vaccinations, 168; heart trouble, 13; pulmonary, 5	6	3	1	2	....	"	"
157	12	5	Vaccinations, 110; heart trouble, 13; pulmonary, 8	1	....	1	....	.....	"	"
216	20	17	Vaccinations, 198; heart trouble, 17; pulmonary, 3	17	1	3	1	.....	"	"
96	3	19	Vaccinations, 94; heart trouble, 18; pulmonary, 7	....	....	....	....	....	"	"
9	....	....	Vaccinations, 6; heart trouble, 1	...	...	....	....	....	"	"
2	....	....	Vaccinations, 2	....	....	....	....	....	"	"
78	2	1	Kyphosis, 1; infantile paralysis, 1	....	....	....	....	Influenza, 59.....	"	Clean and adequate.
81	3	2	Eczema, 1; tongue-tie, 2; acne, 3; stutters, 2	....	....	....	....	Influenza, 121; diphtheria, 2	"	Clean and adequate.
85	4	4	Defective speech, 5; stutters, 1, tongue-tie, 1	1	....	....	....	Influenza, 60	"	Clean and adequate.
8	1	....	....	3	1	3	....	Influenza, 32.....	"	Yes.
10	1	....	.....	1	....	....	....	" 39.....	"	"
23	1	2	.....	6	....	5	1	" 65.....	"	"

GRADED CITY

Name of School.	Medical Inspector.	School Nurse.	No. of Pupils enrolled.	No. of Pupils examined.	Malnutrition.	Defective Mentality.	Defective Vision.	Defective Hearing.	Defective Nasal Breathing.	Adenoids.	Enlarged Tonsils.
Victoria—*Concluded.*											
Central, Boys	H. J. Wasson	M. Grimmer	404	379	1	1	4	...	....	....	30
Central, Girls	"	"	471	425	1	....	3	1	....	....	31
George Jay	"	"	429	395	....	....	2	2	....	....	31
Kingston Street	"	"	210	179	....	....	....	....	1	2	23
King's Road	"	"	133	119	....	....	....	....	1	1	17
Fernwood	"	"	69	70	....	....	....	....	....	....	10
Oaklands	"	"	391	354	....	....	4	....	....	3	45
Quadra	"	"	239	206	1	1	5	....	1	....	21
Margaret Jenkins	"	"	226	200	....	....	3	....	....	....	20
Sir James Douglas	"	"	445	383	2	1	3	1	....	2	31
North Ward	"	"	339	314	2	1	3	....	....	1	14
Spring Ridge	"	"	206	183	....	....	....	....	....	2	23
South Park	"	"	346	341	1	....	7	....	....	....	8
Special	"	"	12	9	3	4	....	....	....	....	3
Cook Street	"	"	31	31	....	....	....	....	....	....	8
Victoria West	"	"	373	339	....	....	8	....	....	1	47

RURAL MUNICIPALITY

Burnaby:											
Armstrong Avenue	G. de B. Watson		24	21	....	....	....	....	....	....	1
Barnet	E. J. Foster		12	10	....	....	1	....	....	....	2
Edmonds Street	G. de B. Watson		264	264	....	....	17	4	8	1	16
Douglas Road	"		37	37	....	....	....	1	....	1	4
Gilmore Avenue	E. J. Foster		412	402	....	....	34	10	25	47	60
Hamilton Road	G. de B. Watson		35	30	....	....	2	....	2	1	1
Howard Avenue	E. J. Foster		33	30	....	....	3	1	3	4	5
Inman Avenue	W. G. Morris		122	112	2	2	17	....	7	3	21
Kingsway, East	G. de B. Watson		75	74	....	....	....	....	....	1	2
Kingsway, West	W. G. Morris		341	266	1	....	45	3	16	3	66
Nelson Avenue	"		145	135	....	....	28	2	12	4	21
Riverway, East	"		57	57	....	....	3	....	3	1	10
Schou Street	E. J. Foster		50	45	....	....	3	1	4	5	9
Second Street	G. de B. Watson		80	80	....	1	4	....	....	....	6
Sperling Avenue	E. J. Foster		28	26	....	1	2	....	2	3	3
Chilliwack:											
Atchelitz	J. C. Henderson		58	44	....	....	1	....	....	4	6
Camp Slough	J. C. Elliot		49	45	1	1	....	3	2	5	9
Cheam	"		57	55	....	1	....	5	2	5	7
Chilliwack, East	"		54	48	....	....	1	3	6	6	10
Fairfield Island	J. C. Henderson		37	35	....	....	....	....	....	6	8
Lotbiniere	"		62	49	....	....	....	....	....	6	7
Parson's Hill	"		9	9	....	....	....	....	....	1	1
Promontory Flats	"		10	7	....	....	....	....	....	....	....
Rosedale	J. C. Elliot		83	72	1	....	1	8	5	5	16
Sardis	J. C. Henderson		120	94	1	1	1	....	1	8	9
Strathcona	"		52	47	1	....	1	....	....	5	6
Sumas	"		12	10	1	....	....	....	....	2	3
Vedder Creek	"		10	7	....	....	....	....	....	2	2
Yarrow	"		9	7	....	....	....	....	....	....	....
Cowichan, North:											
Chemainus	A. M. Andrews		67	55	....	....	3	1	3	3	3
Crofton	"		....	24	....	....	....	....	....	....	4
Quamichan	W. Dykes	Mrs. Hopkins	8	6	....	....	....	....	....	....	....
Somenos	"	"	....	17	....	....	2	....	....	1	4
Westholme	A. M. Andrews		29	18	....	....	....	....	2	1	1
Esquimalt	E. W. Boak		550	541	10	4	97	23	41	35	121
Langley:											
Aldergrove	A. McBurney		54	46	1	1	5	2	2	1	18
County Line	"		46	29	....	1	2	....	....	....	4
Glen Valley	"		36	24	3	....	2	....	....	2	1
Glen Wood	"		18	16	2	....	2	....	....	1	2

SCHOOLS—*Concluded.*

Defective Teeth.	Enlarged Glands.	Goitre.	Other Conditions, specify (Nervous, Pulmonary, Cardiac Disease, etc.).	Vermin.	Scabies.	Impetigo.	Ringworm.	Acute Fevers which have occurred during the Past Year.	Condition of Building. State if crowded, poorly ventilated, poorly heated, etc.	Closets. State if clean and adequate.
26	9	....	Paraplegia, 1; infantile paralysis, 1	5	4	4	1	Influenza, 141	Good	Yes.
35	8	6	Anæmic, 1; acne, 1	13	3	4	1	" 84	"	"
38	3	5	Acne, 1	1	....	....	1	" 132	"	"
18	2	4	Tubercular glands, 1	9	1	2	....	" 69	"	"
4	....	....	Anæmic, 1	6	....	3	....	" 38	"	"
7	....	....		1	1	1	....	" 24	"	"
21	4	3	Anæmic, 1	1	2	2	3	" 59	"	"
18	....	....		3	1	2	....	" 62	"	"
8	2	1	Anæmic, 2	1	2	2	....	" 57	"	"
28	....	6	Anæmic, 1	....	2	2	....	" 122	"	"
32	1	1		10	2	5	....	" 94	"	"
17	2	....		3	1	....	....	" 91	"	"
21	....	3		6	1	1	....	" 97	"	"
1	....	....		....	....	....	....	" 2	"	"
4	....	....		....	....	....	1		"	"
41	5	3	Tubercular glands, 1; eczema, 1; fourth finger absent, 1	4	3	4	1	Influenza, 128	"	"

SCHOOLS.

8	2	....	Unclean, 1; nebula of cornea, 1	....	....	....	....	Influenza	Good	Yes.
1	1	....		....	....	....	....	....	"	"
91	18	....	Stabiamus, 1; wax in ears, 3; heart, 1; unclean, 3; catarrh, 2; rhinitis, 2; pigeon-breast, 1	1	....	1	....	Influenza	"	"
8	....	....	Rhinitis, 1	....	....	....	....	Influenza; chicken-pox, 2	"	"
50	50	6	Seborrhœa, 4; blepharitis, 7; cardiac, 4; anæmia, 1; pulmonary, 4	2	....	1	....	Measles, 55; mumps, 24; chicken-pox, 30; bronchitis, 3	"	"
11	2	....	Rhinitis	....	....	....	....	Influenza	"	"
6	5	1		1	1	3	....		"	"
26	3	....		....	....	....	....		"	"
15	3	....	Rhinitis, 1; unclean, 1; wax in ears, 3	....	....	....	....	Influenza	"	"
87	3	1	Blepharitis, 3; stabiamus 2	....	....	....	....	Scarlet-fever, 1	"	Excellent.
44	....	1		....	....	....	....	....	"	Good.
26	2	2		....	....	....	5	....	"	"
11	10	....	Pulmonary, 1	....	....	....	....	Chicken-pox, 5; measles, 12; mumps, 4	"	"
26	8	....	Rhinitis, 1; unclean, 4; iritis, 1; wax in ears, 1	....	....	1	....	Influenza	"	"
4	3	1	Cardiac, 1; pulmonary, 1	....	....	....	....	....	"	"
14	....	4		....	....	....	....	....	"	Yes.
21	1	3	Anæmia, 1; skin eruption, 1	....	....	....	....	....	"	Clean and adequate.
22	....	2		....	....	....	....	....	Fair	Clean and adequate.
19	....	6	Anæmia, 2	....	....	....	....	....	"	Clean and adequate.
11	....	5		....	....	....	....	....	Good	Yes.
9	....	11	Cardiac, 1	....	....	....	....	....	"	"
....	....	1		....	....	....	....	....	"	"
3	....	1		....	....	....	....	....	"	"
31	2	7	Anæmia, 2	....	....	....	1	....	"	Clean and adequate.
16	1	15	Cleft palate	....	....	....	....	....	"	Yes.
5	....	3		....	....	....	....	....	"	"
2	....	....		....	....	....	....	....	"	"
1	....	1		....	....	....	....	....	"	"
4	....	....		....	....	....	....	....	"	"
30	1	....		....	....	....	....	....	"	Very clean and adequate.
24	1	....	Nervous, 2	....	....	....	....	....	"	Very clean and adequate.
....	....	....		....	....	....	....	Influenza, 2	Fair	Fair.
4	....	....		....	....	....	....	" 3	Good	Good.
13	....	....	Nervous, 3	....	....	....	....	....	"	"
391	97	23	Cardiac, 3; meningitis, 1	....	1	17	1	Influenza	Ventilation excellent	Yes.
18	....	....		2	....	....	....	Measles; influenza	Good	"
6	....	1		....	....	....	....	Influenza	"	"
5	1	1	Carditis, 1	....	....	....	....	"	Fair	"
3	1	2	Anæmia, 1	....	....	....	....	"	Poor every way	Bad.

RURAL MUNICIPALITY

Name of School.	Medical Inspector.	School Nurse.	No. of Pupils enrolled.	No. of Pupils examined.	Malnutrition.	Defective Mentality.	Defective Vision.	Defective Hearing.	Defective Nasal Breathing.	Adenoids.	Enlarged Tonsils.
Langley—*Concluded.*											
Langley, East	A. McBurney		25	16	...	2	2	1	....	....	4
Langley Fort	"		45	44	....	....	3	....	....	4	6
Langley Prairie	"		88	76	....	....	9	2	6	4	22
Langley, West	"		14	10	1	....	2	....	....	....	2
Lochiel	"		14	13	1	....	1	....	1	1	7
Milner	"		45	42	1	....	2	1	3	3	7
Murrayville	"		127	110	8	4	15	4	2	10	20
Otter	"		24	20	1	....	1	6	....	2	4
Patricia	"		27	25	2	2	2	1	1	2	5
Springbrook	"		30	29	....	....	2	1	1	3	13
Maple Ridge:											
Albion	G. Morse		25	20	1	....	2	....	....	....	2
Alex. Robinson	"		51	46	3	....	2	....	....	....	6
Hammond	"		72	72	4	....	5	1	....	....	15
Haney	"		64	64	2	...	3	1	....	....	7
Maple Ridge	"		59	57	2	....	6	2	....	....	9
Ruskin	"		24	16	....	....	....	....	....	....	2
Webster's Corners	"		19	19	6	....	2	2	....	....	5
Whonnock	"		44	42	2	....	2	....	....	....	2
Yennadon	"		15	14	....	....	1	....	....	....	2
Matsqui:											
Aberdeen	R. H. Port		39	33	2	....	2	1	2	2	4
Bradner	"		47	43	1	....	1	....	....	2	5
Clayburn	"		48	34	....	....	....	1	....	5	5
Dunach	"		21	11	1	...	2	....	....	....	2
Glenmore	"		27	27	....	....	....	....	1	....	2
Matsqui	"		49	44	3	....	....	....	....	....	4
Mount Lehman	"		37	31	2	1	2	....	....	3	3
Poplar	"		15	11	....	....	....	....	....	2	2
Peardonville	"		23	16	....	....	1	....	....	1	....
Ridgedale	"		48	46	...	1	1	1	...	2	2
Mission:											
Ferndale	A. J. Stuart		16	16	....	....	....	....	....	....	10
Hatzic	"		45	39	1	....	2	....	3	3	25
Mission	"		229	219	12	....	9	....	8	13	121
Silverdale	"		37	31	...	....	1	....	2	2	20
Stave Falls	"		13	11	....	....	....	....	....	....	7
Stave Gardens	"		12	9	....	....	....	....	....	....	3
Steelhead	"		17	14	....	1	2	....	2	2	5
Oak Bay:											
Oak Bay	W. P. Walker	Mrs. I. Gregg	288	247	3	4	7	1	13	13	31
Willows	"	"	157	147	4	7	4	2	7	7	18
Peachland:											
Central	Wm. Buchanan		76	62	....	....	11	....	....	....	13
Trepanier	"		15	13	....	....	....	....	....	....	....
Penticton:											
Ellis	H. McGregor		425	419	33	7	68	8	30	25	38
Poplar Grove	"		24	24	1	....	2	....	3	3	5
Saanich:											
Cedar Hill	J. P. Vye	Miss Forshaw	92	79	3	1	6	2	32	36	38
Cloverdale	"	"	180	180	1	1	5	....	29	32	55
Craigflower	"	"	94	48	1	....	2	....	4	6	13
Gordon Head	"	"	34	34	....	....	3	1	5	10	16
Keating	"	"	60	54	4	2	3	....	13	19	24
Model	"	"	75	75	1	4	3	..	33	33	35
Mackenzie Avenue	"	"	132	125	1	6	1	....	29	32	33
Normal	E. H. Denovan	"	.....	29	....	....	....	....	....	....	1
North Dairy	J. P. Vye	"	57	49	....	....	4	....	5	6	13
Prospect Lake	"	"	24	24	....	....	....	....	7	9	13
Royal Oak	"	"	53	42	....	....	1	....	5	11	19
Saanichton	"	"	32	32	....	....	....	....	....	....	....
Saanich, West	"	"	53	53	1	....	2	....	15	19	34
Strawberry Vale	"	"	81	77	1	1	3	1	17	21	26
Tillicum	"	"	137	126	3	...	8	....	22	27	38
Tolmie	"	"	348	296	2	3	3	...	29	41	75
Spallumcheen:											
Bennett	P. D. van Kleeck		...	9	....	....	1	....	....	5	3
Hullcar	"		.....	9	....	....	....	....	....	4	1
Knob Hill	"		.....	24	12	5	....	....	....	13	18

SCHOOLS—*Continued.*

Defective Teeth.	Enlarged Glands.	Goitre.	Other Conditions, specify (Nervous, Pulmonary, Cardiac Disease, etc.).	Vermin.	Scabies.	Impetigo.	Ringworm.	Acute Fevers which have occurred during the Past Year.	Condition of Building. State if crowded, poorly ventilated, poorly heated, etc.	Closets. State if clean and adequate.
5	....	....	Chorea, 1	....	....	4	....	Influenza	Crowded	Fair.
10	1	2		....	....	....	....	" chicken-pox	Good	Yes.
22	2	3		....	....	....	....	" "	"	"
4	....	1		....	....	....	....	"	"	"
5	....	2		....	....	....	....		Fair	"
9	....	2		....	....	....	....	Influenza	Good	"
26	....	4		....	....	....	....	Influenza; chicken-pox	"	"
6	1	1	Carditis, 1	....	....	....	....	Influenza	"	"
2	....	1		....	....	....	....	"	Fair	"
11	2	....		....	....	....	....	"	Crowded	"
14	1	....		....	....	....	....		Good	Clean.
39	2	....		....	....	....	....		"	Dirty.
49	3	....		....	....	....	....		"	Clean.
30	1	....		....	....	....	....		"	Dirty.
27	3	....		....	....	....	....		"	Clean.
3	....	....		....	....	....	....		"	"
18	3	....		....	....	....	....		"	"
21	....	....		....	....	....	....		"	"
13	1	....		....	....	....	....		"	"
4	....	....	Tonsils and adenoids, 1	....	....	....	....	Influenza, 6	Crowded	No.
8	....	....	Chronic eczema, 1	....	....	....	....	" 2; mumps, 3	Good	Yes.
3	....	1		....	....	....	....	" 2	"	No.
4	....	....		....	....	....	....	" 10	"	Yes.
10	....	....		....	....	....	....	Pneumonia, 1	"	No.
5	....	5	Asthma, 1	....	....	....	....		"	Yes.
2	....	....		....	....	....	....	Influenza, 1	"	"
1	....	....		....	....	....	....		"	"
1	....	....		....	....	....	....		"	"
7	....	3		....	....	....	....		"	"
5	....	3		....	....	....	....	Influenza, 11	Old and dilapidated	Unsatisfactory.
23	7	1		....	....	....	....	" 15	Satisfactory	Clean and adequate.
97	23	40		....	....	....	....	" 141	"	Clean and adequate.
14	3	10		....	....	....	....	" 14	"	Clean and adequate.
3	2	....		....	....	....	....		"	Clean and adequate.
3	3	....		....	....	....	....		"	Clean and adequate.
7	....	3		....	....	....	....	Influenza, 5	"	Clean and adequate.
55	30	10	Torticollis	....	....	....	....	Influenz; chicken-pox	Excellent	Yes.
44	9	1	Defective speech, 7; mitral stenosis, 1	....	4	....	....	" "	Crowded; poorly ventilated and heated	"
5	....	68		....	....	....	....		Satisfactory	Clean and adequate.
....	....	13	Heart murmur, 1	....	....	....	....		"	Clean and adequate.
109	7	43	Cardiac, 6; nervous, 7	....	....	2	7	Influenza, 115; chicken-pox, 8	Excellent	Yes.
7	1	3	Nervous, 1	....	....	....	....		"	"
52	6	1	Colitis, 1	....	1	....	....	Influenza, 1	Poorly heated	No seat covers.
55	3	....	Defective left forearm, 1; mitral murmur, 1	....	....	....	....	" 51	Crowded	....
8	1	3		....	....	....	....	" 17	....	....
16	1	1		....	....	....	....	" 15	....	....
21	....	5	Eczema, 1	....	....	....	....	" 23	Poorly heated	No seat covers.
20	....	1		....	....	....	....	" 12	Excellent	Clean and adequate.
37	2	....	Defective hip-joint 1; mitral murmur, 1	....	....	....	....	" 10	....	....
2	....	1	Constipation, 2; acne, 1	....	....	....	....	" 2	Good	Good.
22	1	....		....	....	....	....	" 5	....	....
16	1	1	Defective knee, 1	....	....	....	....	" 3	....	....
17	1	1		....	....	....	....	" 8	....	....
....	....	....		....	....	....	....		....	....
25	4	1	Defective foot, 1	....	....	....	....		....	....
24	4	4		....	....	....	....	Influenza, 18	....	....
31	4	1	Defective leg, 1	....	....	....	....	" 29	....	....
109	1	1	Defective leg, 1	....	....	....	....	" 115	....	....
7	....	1		....	....	....	....		Good	Clean.
5	....	3		....	....	....	....		"	"
14	1	10		....	....	....	....		"	"

RURAL MUNICIPALITY

Name of School.	Medical Inspector.	School Nurse.	No. of Pupils enrolled.	No. of Pupils examined.	Malnutrition.	Defective Mentality.	Defective Vision.	Defective Hearing.	Defective Nasal Breathing.	Adenoids.	Enlarged Tonsils.
Spallumcheen—*Concluded.*											
Larkin	P. D. van Kleeck			17	6	3	1	....	1	6	11
Mountain View	"			9	2	2	1	....	1	1	5
Otter Lake	"			17	6	4	1	...	1	2	3
Pleasant Valley	"			17	5	10	....	1	2	10	9
Sumas:											
Huntingdon	T. A. Swift		39	37	....	....	....	1	....	....	6
Kilgard	"		....	20	....	....	3	....	1	3	6
Musselwhite	"		....	15	..	....	....	....	....	....	2
Straiton	"		....	13	...	....	....	....	....	2	1
Whatcom Road	"		....	12	...	....	....	....	....	....	....
Summerland	F. W. Andrew		232	210	10	3	20	4	9	18	42
Vancouver, North:											
Capilano	R. V. McCarley		52	52	1	....	1	....	8	8	22
Keith Lynn	"		40	40	....	....	1	....	1	1	9
Lynn Valley	"		220	220	4	....	14	5	25	25	78
North Star	"		102	102	2	....	10	5	12	12	38
Roche Point	"		28	28	....	....	2	....	1	1	6
Vancouver South:											
Brock	L. O. Griffin	M. Laird	327	287	3	1	10	9	22	13	67
Carleton	"	"	568	530	4	2	13	14	23	17	175
Connaught	"	"	65	54	....	....	..	...	6	4	11
Moberley	"	"	372	297	3	1	7	5	19	16	80
McBride	"	"	430	355	1	....	16	20	35	32	115
Mackenzie	"	"	657	558	3	2	13	12	42	23	209
Norquay	"	"	318	280	3	...	8	10	12	6	53
Second	"	"	135	123	...	....	7	2	8	5	28
Selkirk	"	"	796	667	10	3	18	8	32	19	248
Sexsmith	"	"	131	120	2	1	8	3	7	9	26
Tecumseh	"	"	627	560	2	3	15	13	33	25	172
Van Horne	"	"	270	237	...	1	5	4	6	10	57
Wolfe	"	"	559	499	5	2	14	12	20	14	136
Vancouver, West:											
Dundarave	W. E. Newcombe		45	45	....	....	8	1	5	5	7
Hollyburn	"		115	115	....	2	2	1	3	3	17

RURAL AND

Abbotsford	T. A. Swift		130	119	....	....	14	2	2	2	9
Ainsworth	G. C. Read		....	17	....	....	....	....	....	1	3
Albert Head	Richard Felton		16	12	1	....	....	....	....	....	....
Alexandria	I. H. Wright		6	6	....	....	....	....	....	....	....
Alice Arm	L. Broe		18	17	....	....	5	1	....	....	2
Alice Siding	G. B. Henderson		11	11	1	....	3	....	....	1	....
Allen Grove	H. McGregor		8	8	....	....	1	....	1	1	2
Anarchist Mountain	W. H. Wood		12	10	....	....	3	1	....	....	....
Annable	John Nay		....	7	....	....	....	....	....	....	1
Appledale	A. V. Jones		14	14	....	....	....	....	4	4	4
Arrow Park, East	E. H. S. McLean		21	21	....	....	....	....	3	3	7
Arrow Park, West	"		9	9	....	....	....	....	....	....	6
Ashcroft	B. A. Hopkins		63	52	....	....	8	....	2	14	28
Ashton Creek	H. M. Keith		11	5	....	....	....	....	....	....	1
Aspen Grove	J. J. Gillis		14	14	4	2	6	7	8	6	8

SCHOOLS—*Concluded.*

Defective Teeth.	Enlarged Glands.	Goitre.	Other Conditions, specify (Nervous, Pulmonary, Cardiac Disease, etc.).	Vermin.	Scabies.	Impetigo.	Ringworm.	Acute Fevers which have occurred during the Past Year.	Condition of Building. State if crowded, poorly ventilated, poorly heated, etc.	Closets. State if clean and adequate.
12	.	4	.....	...	....	....	....	.....	Good.....	Clean.
4	....	2	.....	...	....	....	....	.....	"	"
14	1	6	.....	...	....	....	1	.....	"	"
7	....	7	.....	...	....	....	....	.....	"	"
12	....	6	.....	...	....	....	....	.....	"	Yes.
7	3	....	.....	...	....	....	....	.....	.....	"
9	2	1	.....	...	....	....	....	.....	.....	"
6	2	....	.....	...	....	....	....	.....	.....	.....
..	....	....	.....	...	....	3	....	.....	.....	.....
74	37	26	Cardiac, 2; anæmia, 4; acne, 4	....	....	2	....	Influenza, 84; whooping-cough, 14	Good.....	Good.
21	...	....	Bad fractured rib, 1.....	....	....	....	....	Influenza.....	"	Clean and adequate.
15	1	4	.....	..	....	....	....	"	"	Clean and adequate.
104	6	31	Cardiac, 1; kyphosis, 1	...	....	....	....	Influenza; chicken-pox; mumps	Crowded	Clean and adequate.
30	1	...	Acne, 2; cardiac, 1; bronchitis, 1	.....	....	....	....	Influenza.....	Good.....	Clean and adequate.
8	....	4	....	....	....	....	....	"	Ventilation and heating poor	Fair.
223	5	4	Cardiac, 2	2	....	....	....	Mumps, 4; chicken-pox, 12	O.K.....	O.K.
461	13	5	Cardiac, 6; nervous, 1	4	....	....	....	Chicken-pox, 10; measles, 4; mumps, 1	Lighting fair.....	"
46	1	...	Pulmonary, 1; cardiac, 1.....	....	....	....	....	....	O.K.....	"
225	6	3	Nervous, 1; pulmonary, 2; cardiac, 3	5	....	....	....	Measles, 5; mumps, 7; chicken-pox, 1; scarlet-fever, 1; whooping-cough, 4	Lighting fair.....	"
328	25	8	Pulmonary, 2; cardiac, 6.....	6	3	....	....	Measles, 8; mumps, 6; chicken-pox, 15; scarlet-fever, 2	"	"
498	27	14	Nervous, 2; pulmonary, 3; cardiac, 5	7	1	....	....	Diphtheria, 1; chicken-pox, 10; measles, 11; mumps, 6; whooping-cough, 1	O.K	"
254	7	3	Nervous, 1; pulmonary, 2; cardiac, 3	3	....	....	....	Diphtheria, 1; chicken-pox, 6; measles, 7	"	"
100	4	2	Cardiac, 1.....	....	....	....	....	Whooping-cough, 8.....	"	"
564	12	8	Nervous, 1; pulmonary, 3; cardiac, 5	5	2	5	....	Chicken-pox, 6; measles, 5; mumps, 3	Lighting fair.....	"
110	5	2	Cardiac, 2.....	....	....	....	....	....	O.K.....	"
493	26	15	Nervous, 2; pulmonary, 1; cardiac, 3	6	....	....	....	Measles, 1; chicken-pox, 10	Lighting fair.....	"
189	10	6	Cardiac, 3.....	....	....	....	....	Chicken-pox, 4	"	"
451	12	2	Nervous, 3; pulmonary, 4; cardiac, 4	7	2	....	....	Mumps, 11; chicken-pox, 2	"	"
7	4	3	.....	....	....	....	....	Influenza.....	Good.....	Clean and adequate.
11	5	4	....	....	....	....	....	"	"	Clean and adequate.

ASSISTED SCHOOLS.

43	2	2	....	....	....	....	....	....	Div. 4; poor ventilation	Yes.
4	....	2	....	....	....	....	....	....	Good.	Good.
...	...	...	....	....	....	....	....	Influenza.....	"	"
1	...	...	....	....	....	....	....	....	Excellent; well ventilated	Clean.
11	5	3	Chest deformities, 2.....	....	....	....	....	....	Good.....	Fair; another required.
2	....	1	....	....	....	....	....	... .	"	Clean and adequate.
5	..	...	....	....	....	....	....	....	"	Yes.
3	...	3	....	....	....	....	....	....	Satisfactory	Satisfactory.
2	....	...	Cleft palate, 1	....	....	....	....	....	No.	Yes.
6	....	2	....	....	....	....	....	....	"	"
14	1	8	Hip disease, 1; deformed hands, and feet, 1	....	....	....	....	Influenza.....	Very good.....	Fair.
2	....	....	....	....	....	....	....	....	"	"
25	11	3	....	....	....	....	....	....	Fair	Clean and adequate.
1	....	1	....	....	....	....	....	Measles..... ...	Poor.....	Yes.
8	5	6	....	....	....	....	....	....	Not good.	None.

RURAL AND

Name of School.	Medical Inspector.	School Nurse.	No. of Pupils enrolled.	No. of Pupils examined.	Malnutrition.	Defective Mentality.	Defective Vision.	Defective Hearing.	Defective Nasal Breathing.	Adenoids.	Enlarged Tonsils.
Athalmer	P. W. Turnor		25	18	....	....	..	....	....	....	4
Balfour	G. C. Read		.....	21	....	....	2	....	....	3	5
Balmoral	Walter Scatchard		21	15	...	....	....	....	....	....	2
Barkerville	M. Callanan		15	15	....	....	1	....	....	....	3
Barnston Island	G. Morse		18	18	....	....	2	....	....	....	3
Barriere River	H. H. Murphy		17	11	....	....	1	....	....	....	....
Baynes Lake	T. F. Saunders		34	16	...	....	1	....	3	3	3
Beaver Creek	C. T. Hilton		19	17	1	1	2	....	1	1	6
Beaver Point	E. M. Sutherland		22	16	2	....	....	....	2	2	3
Begbie	J. H. Hamilton		14	13	....	....	....	....	....	....	....
Belford	A. V. Jones		15	15	....	....	1	....	....	4	4
Beresford	R. W. Irving		29	24	....	....	1	....	....	3	3
Berrydale	W. Truax		8	7	....	....	1	....	....	....	....
Big Eddy	J. H. Hamilton		25	23	....	....	1	....	....	....	1
Blind Bay	Walter Scatchard		12	9	....	....	1	....	....	....	....
Blubber Bay	C. F. Downman		22	22	3	....	....	....	....	....	3
Blueberry Creek	John Nay		6	6	....	....	1	....	....	....	2
Bonaparte Valley	B. A. Hopkins		9	7	....	....	2	1	....	....	5
Boston Bar	H. R. Fort		14	13	....	3	1	2	4	2	3
Boswell	G. B. Henderson		10	10	....	1	....	....	2	2	....
Bowen Island	F. Inglis		8	8	4	2	3	....	....	2	1
Bowie	J. H. Hamilton		15	14	....	1	....	1	1	....	4
Bowser	L. T. Davis		6	6	....	....	....	....	....	....	....
Box Lake	E. H. S. McLean		21	21	....	....	1	1	2	2	5
Braeside	W. R. Stone		16	16	....	....	....	....	1	1	1
Brechin	T. J. McPhee		69	60	....	....	3	2	3	3	14
Brilliant	A. V. Jones		60	60	....	....	5	....	6	6	6
Brisco	P. W. Turnor		13	13	....	....	....	....	....	....	4
Britannia Beach	G. W. Roberts		68	68	....	....	2	....	5	5	7
Britannia Townsite	"		28	28	....	....	3	1	3	3	4
Bull River Bridge	Green & MacKinnon		25	23	....	2	1	....	2	1	2
Burgoyne Bay	E. M. Sutherland		33	32	1	....	....	1	....	....	5
Burtondale	E. H. S. McLean		13	13	....	....	....	....	....	....	2
Cache Creek	B. A. Hopkins		13	9	1	....	....	....	1	1	3
Cahilty	M. G. Archibald		7	7	....	....	....	....	....	....	....
Campbell Creek	R. W. Irving		10	10	....	....	....	....	....	....	2
Campbell Range	H. H. Murphy		15	7	....	....	....	....	....	....	1
Campbell River	W. F. Shaw		15	15	1	....	1	....	2	2	3
Canford	J. J. Gillis		24	18	3	3	5	4	7	7	9
Canyon City	G. B. Henderson		30	28	2	....	4	....	....	....	3
Carlin Siding	Edward Buckell		14	10	....	....	....	....	....	....	2
Carson	W. Truax		8	6	....	....	....	....	....	....	1
Cartier	J. H. Hamilton		35	18	....	....	....	....	....	....	....
Cascade	W. Truax		24	21	1	....	1	....	1	1	2
Castledale	R. G. Stevenson		13	13	1	....	2	....	2	2	3
Castlegar	A. V. Jones		27	26	2	....	1	1	6	6	6
Cawston	E. H. Gray		38	32	....	....	....	....	1	1	7
Cedar, East	T. J. McPhee		10	8	....	....	....	....	1	....	1
Cedar, North	"		53	46	....	1	4	....	1	2	11
Cedar, South	"		30	28	1	....	1	....	2	1	4
Chase	Walter Scatchard		97	68	....	....	4	....	4	4	15
Chase River	T. J. McPhee		70	63	1	1	3	2	2	....	12
Cherry Creek	C. T. Hilton		16	15	....	....	3	....	....	....	3
Chilco	W. R. Stone		14	14	....	....	1	....	6	6	7
Chu Chua	H. H. Murphy		13	8	....	....	....	....	....	....	....
Clayoquot	D. S. Dixson		15	15	....	....	....	1	....	....	2
Clinton	B. A. Hopkins		48	32	1	....	7	....	3	3	11
Coal Creek	W. Workman		.....	80	2	2	8	3	2	2	7
Coalmont	W. L. Ritchie		11	11	....	....	1	....	....	3	6
Cobble Hill	W. Dykes		.....	23	....	....	3	....	....	1	6

ASSISTED SCHOOLS—*Continued.*

Defective Teeth.	Enlarged Glands.	Goitre.	Other Conditions, specify (Nervous, Pulmonary, Cardiac Disease, etc.).	Vermin.	Scabies.	Impetigo.	Ringworm.	Acute Fevers which have occurred during the Past Year.	Condition of Building. State if crowded, poorly ventilated, poorly heated, etc.	Closets. State if clean and adequate.
5	....	....	.....	....	....	....	....	.....	Good.....	Good.
5	1	4	.....	....	....	....	....	.....	"	"
5	....	12	.....	....	....	....	....	Influenza.....	Satisfactory	No lids.
3	....	1	.....	....	....	....	....	.....	Good.....	Clean and adequate.
12	1	....	Seborrhœa, 3	....	....	1	....	.....	"	Clean.
2	....	....	.....	....	....	....	....	Influenza.....	Satisfactory	Very unsatisfactory.
7	....	....	.....	....	....	....	....	.....	Excellent.....	Yes.
4	....	1	.....	....	....	....	....	.....	Good.....	"
2	1	....	Weak cardiac action, 1.....	....	....	....	....	.....	No water.....	No.
3	....	6	.....	....	....	....	....	.....	Fair.....	One defective.
3	....	4	.....	....	....	....	....	.....	Very good.....	Good.
2	....	....	.....	....	....	....	....	Influenza.....	Clean and healthful	Yes.
2	....	....	.....	....	....	....	....	"	Poor	Poor.
7	....	2	.....	....	....	....	....	.....	Good.....	Good.
5	....	4	.....	....	....	....	....	Influenza.....	Satisfactory	No lids.
11	....	....	.....	....	....	....	....	.....	Good.....	Yes.
2	....	....	.....	....	....	....	....	.....	No.....	"
5	7	1	.....	....	....	....	....	Influenza.....	Fair.....	Clean and adequate.
6	5	4	Orthopædic, 3; cardiac, 1.....	1	1	..	....	"	Sufficient	Clean and adequate.
2	....	2	.....	....	....	....	....	.....	Good.....	Clean and adequate.
4	....	....	.....	....	....	....	....	Influenza.....	Frame	Clean and adequate.
10	....	....	.....	....	....	....	....	.....	Good.....	Good.
2	....	....	.....	....	....	....	....	.....	Good.....	Adequate.
10	5	3	Difficulty of speech, 1.....	....	....	....	1	Influenza; ringworm....	Very good.....	Fair.
5	....	....	.....	....	....	....	....	.....	Small room; crowded	Not adequate.
21	1	....	Cardiac, 1.....	....	....	....	....	Influenza, 29.....	Good.....	Good.
8	....	7	.....	....	....	....	....	.....	Poor	Fair.
2	....	....	.....	....	....	....	....	.....	"	Poor.
7	2	2	.....	....	....	....	....	Influenza, 12.....	Satisfactory	Clean and adequate.
6	....	....	.....	1	....	....	7	" 10.....	"	Clean and adequate.
4	....	....	.....	....	....	....	....	.....	Good.....	Yes.
6	1	2	Asthma, 1; harsh breathing, 2	....	....	....	....	Rheumatic fever, 1.....	Floor bad.....	"
7	....	2	.....	....	....	....	....	Influenza; scarlet fever..	Very good.....	Fair.
2	1	1	.....	....	....	....	....	Influenza.....	Poorly heated.....	Clean and adequate.
4	....	....	.....	2	1	....	....	.....	Good.....	Poor and inadequate.
1	....	1	.....	....	....	....	....	.....	"	Clean.
1	....	....	.....	....	....	....	....	Influenza.....	Lighting defective	Unsatisfactory.
5	....	....	Cardiac-valve disease, 1.....	....	....	....	....	" 2	Good.....	Clean and adequate.
12	5	8	.....	....	....	....	....	Mumps.....	"	Clean.
4	....	7	Stuttering, 1	....	....	....	....	Measles; pertussis; influenza	Good, but crowded	Clean and adequate.
....	3	2	.....	....	....	....	....	.....	Good.....	Broken.
2	1	....	Cleft palate, 1	....	....	....	....	Influenza.....	"	Good.
5	....	....	.....	....	....	....	....	.....	Fair.....	Neglected.
4	1	....	.....	....	....	....	....	Influenza.....	"	Good.
2	1	2	Cardiac; dropsy; bronchitis...	....	....	....	....	.....	Very good.....	Yes.
19	6	6	.....	1	....	....	....	.....	Badly crowded....	Fair.
24	2	....	Cardiac, 1	....	....	....	....	Influenza.....	Walls too low....	Clean, but not adequate.
4	....	....	.....	....	....	....	....	" 3.....	Good.....	Good.
12	2	5	.....	....	....	....	....	" 17.....	Crowded	Fair.
13	2	....	Cardiac, 1.....	....	....	....	....	" 9.....	Good.....	Good.
43	....	44	.....	....	....	....	....	"	Satisfactory.....	Excellent.
24	3	2	Nephritis, 1.....	1	....	2	....	" 25.....	Good.....	Good.
5	....	....	.....	....	....	....	....	.....	"	Yes.
6	....	....	.....	....	....	....	....	Influenza.....	Poorly heated	Clean and adequate.
....	....	....	Stammering, 1.....	....	....	....	....	"	Satisfactory	Yes.
1	....	....	Ecthyma, 1.....	....	....	....	....	"	Good.....	Clean and adequate.
21	6	....	.....	....	....	....	....	"	"	Clean and adequate.
11	3	9	Nervous, 3; cardiac, 3; hernia, 1; bronchitis, 8; periostitis, 1; epilepsy, 1	....	1	....	....	Scarlet fever, 2; measles, 31; influenza, 39; appendicitis, 1; rheumatism, 1	"	Yes.
3	....	1	Cardiac, 1.....	..	....	....	....	.....	Excellent	"
6	1	2	Irregular heart, 1.....	....	....	....	....	.....	Good.....	Good.

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Name of School.	Medical Inspector.	School Nurse.	No. of Pupils enrolled.	No. of Pupils examined.	Malnutrition.	Defective Mentality.	Defective Vision.	Defective Hearing.	Defective Nasal Breathing.	Adenoids.	Enlarged Tonsils.
Cokato	Douglas Corson		22	22	....	....	1	....	....	....	7
Columbia Gardens	John Nay		....	17	....	....	1	....	....	....	1
Concord	J. C. Elliot		6	6	....	....	....	....	....	1	1
Corbin	Robert Elliot		20	18	....	....	3	3	3	4	4
Cortes Island	W. F. Shaw		14	13	....	....	1	....	1	3	8
Cowichan	W. Dykes		.....	32	....	....	4	....	1	1	7
Cowichan Lake	"		.....	8	....	....	....	....	....	....	....
Craigellachie	J. H. Hamilton		12	12	....	....	....	....	....	....	....
Cranberry Marsh	E. M. Sutherland		13	12	....	....	....	....	....	....	....
Crescent Valley	A. V. Jones		19	19	....	....	3	1	2	2	2
Creston	G. B Henderson		144	138	3	....	33	3	13	11	9
Curzon	"		10	9	....	....	4	....	1	1	1
Deep Creek	H. M. Keith		16	9	....	....	....	....	....	....	5
Deer Park	J. E. H. Kelso		12	9	....	....	....	....	....	....	....
Demars, West	E. H. L. McLean		10	10	....	....	....	....	1	1	2
Departure Bay	T. J. McPhee		21	21	....	....	....	....	2	2	2
Dewdney	A. J. Stuart		27	25	3	....	....	....	....	2	13
Diamond Crossing	Montgomery & Watson		40	36	....	....	2	....	10	8	6
Dome Creek	G. E. Bayfield		26	26	1	....	1	....	....	2	....
Doriston	F. Inglis		11	8	1	....	2	....	....	....	....
Duck Range	H. H. Murphy		13	11	....	....	....	....	2	2	2
Duhamel	A. V. Jones		11	11	....	....	1	....	3	3	3
Edgewood	J. E. H. Kelso		16	16	....	....	1	....	....	1	1
Elk Bridge	Douglas Corson		28	19	....	....	1	....	1	1	1
Elko	T. F. Saunders		32	31	....	....	....	....	8	7	9
Elk Prairie	Douglas Corson		8	7	....	....	....	....	1	1	....
Ellison	W. J. Knox		14	14	....	....	1	1	....	2	3
Endako	W. R. Stone		10	10	....	....	....	....	1	1	1
Enderby, North	H. M. Keith		13	13	....	....	1	....	....	....	4
Erickson	G. B. Henderson		26	25	1	....	3	....	....	3	3
Erie	J. Bain Thom		8	8	....	....	1	....	....	....	1
Errington	L. T. Davis		25	20	....	....	....	....	....	....	....
Essington	R. W. Large		16	13	....	....	2	2	....	....	7
Essondale	A. L. Crease		18	18	....	....	1	....	....	....	6
Extension	P. J. Emerson		78	76	....	....	....	3	6	6	26
Fairview	H. McGregor		....	7	....	....	1	....	1	1	2
Farquier	J. E. H. Kelso		14	13	....	....	4	1	....	....	1
Field	R. G. Stevenson		30	28	1	....	....	....	5	5	5
Fife	W. Truax		21	20	....	....	1	....	2	1	2
Fire Valley	J. E. H. Kelso		16	7	....	....	1	....	....	....	....
Fish Lake	R. W. Irving		28	25	....	....	....	....	....	1	1
Flagstone	T. F. Saunders		21	20	....	....	3	....	6	4	6
Fort Fraser	W. R. Stone		17	16	....	....	3	....	5	5	5
Fort George	C. Ewert		56	55	8	....	3	2	4	1	12
Fort George, South	"		42	40	....	....	3	1	2	2	12
Fort Steele	Green & MacKinnon		30	28	....	1	2	....	3	2	2
French Creek	L. T. Davis		16	15	....	....	....	....	....	....	....
Fruitlands	R. W. Irving		58	52	....	....	1	....	....	....	2
Fruitvale	J. Bain Thom		50	49	1	1	5	....	....	2	5
Galiano	E. M. Sutherland		15	15	....	....	....	....	2	2	4
Galiano, North	"		13	10	....	....	....	....	....	....	4
Ganges	"		36	33	....	....	....	....	2	2	2
Gillis Bay	C. F. Downman		16	15	2	....	....	....	....	....	4
Gilpin	W. Truax		9	9	....	....	....	....	1	....	....
Gill	C. T. Hilton		23	19	....	1	5	1	....	1	6
Glade	A. V. Jones		29	29	....	....	3	....	5	5	5
Glenbank	E. H. S. McLean		42	42	....	....	....	....	6	6	17
Glenemma	P. D. van Kleeck		7	7	1	....	2	....	....	2	2
Glenora	W. Dykes		.....	14	....	....	....	....	....	....	2
Golden	R. G. Stevenson		127	108	2	....	8	2	3	8	16
Granby Bay	L. Broe		141	131	2	1	36	....	1	....	38
Grande Prairie	R. W. Irving		18	12	....	....	....	....	....	....	....
Grandview Bench	H. M. Keith		10	6	....	....	3	....	....	....	5

ASSISTED SCHOOLS—*Continued.*

Defective Teeth.	Enlarged Glands.	Goitre.	Other Conditions, specify (Nervous, Pulmonary, Cardiac Disease, etc.).	Vermin.	Scabies.	Impetigo.	Ringworm.	Acute Fevers which have occurred during the Past Year.	Condition of Building. State if crowded, poorly ventilated, poorly heated, etc.	Closets. State if clean and adequate.
11	....	1	.....	..	....	....	....	Influenza.....	Good.....	Clean and adequate.
4	....	2	... .	....	....	....	....	....	No.....	Yes.
2	....	....	.....	....	....	....	....	Influenza, 2.....	Fair.....	Fair.
5	....	3	.....	....	....	....	....	.....	First class.....	First class.
5	....	...	Pulmonary tuberculosis, 1; cold, 4	....	....	....	....	Influenza.....	Crowded; poorly ventilated	Clean and adequate.
10	...	5	Orthopædic, 1	....	....	....	....	....	Good.....	Good.
1	....	1	.....	....	....	....	....	.....	"	"
....	....	....	.....	....	....	....	....	....	"	Yes.
9	6	1	Irregular heart, 1; harsh breathing, 1	....	....	....	....	....	"	Fair.
6	...	9	.....	....	....	....	....	.....	"	Good.
10	...	7	....	....	2	....	....	Influenza.....	"	Clean and adequate.
....	...	1	... ...	....	...	....	....	....	"	Clean and adequate.
4	....	1	.....	....	....	....	....	.....	Fair.....	Yes.
....	...	1	Mitral incompetence, 1.... ...	....	....	....	....	.....	Good.....	"
3	....	....	.....	....	....	....	....	Influenza.....	Very good.....	Fair.
6	...	...	Cardiac, 1.....	....	....	....	....	Influenza, 1.	Good.....	"
8	2	5	.....	....	....	....	....	" 6...	Satisfactory	Closets not clean.
20	....	1	Torticollis, 1.....	....	..	....	....	Influenza.	Good.....	Yes.
12	....	..	Hair-lip and cleft palate, 1; chorea, 1	....	...	....	....	....	"	"
2	2	...	.....	...	....	....	....	Influenza.....	"	Fair.
....	....	....	.....	....	....	....	....	"	Satisfactory	Yes.
4	....	2	.....	....	....	....	....	....	Fair	Good.
....	...	1	Curvature of spine, 1	....	....	....	....	....	Good.....	Yes.
10	....	3	Orthopædic, 2	....	....	....	....	Influenza.	"	Clean and adequate.
21	2	3	Nervous, 1..	....	...	....	....	....	"	Clean.
3	.	3	.....	....	....	....	....	Influenza.....	"	Clean and adequate.
2	....	....	.....	....	....	....	....	.....	"	Clean and adequate.
3	...	1	.....	....	....	....	....	.....	O.K.	Adequate.
6	...	....	Valvular heart, 1.....	....	....	....	....	....	Good.	Yes.
4	....	....	Defective speech, 1	....	....	....	....	Influenza.....	Poorly heated.....	Adequate but unclean.
2	...	1	Cardiac, 1	....	....	....	....	"	No.....	Yes.
....	....	....	.....	....	....	....	....	.....	Good.....	Adequate.
11	6	....	.....	....	....	....	....	....	Satisfactory	Clean and adequate.
1	3	2	.....	....	....	....	....	Diphtheria	Good.....	Clean.
185	....	2	Chorea, 5.	....	....	....	1	Influenza, 20.....	"	Fair.
4	1	2	.....	....	....	....	....	....	Fair	Yes.
....	....	2	.....	....	....	1	....	....	Good.....	"
2	....	3	.....	....	....	....	....	.....	Very good..... ...	"
3	....	....	.....	....	....	....	....	Influenza.	Fair.....	Poor.
...	....	....	Chorea, 1.....	....	....	....	....	.....	Good.....	Bad.
1	...	....	....	....	....	....	....	....	Healthful.....	Yes.
8	....	....	....	....	....	....	....	....	Poorly ventilated and crowded	"
10	....	1	.....	....	....	....	....	Influenza.....	Poor	Adequate.
16	9	3	Fracture astragalus, 1; acne, 1; blepharitis, 2; anæmia, 3; atrophy muscles of shoulder, 1	....	....	....	....	"	Good.....	Clean and adequate.
15	6	1	Blepharitis, 1; arythmia, 1....	...	....	....	....	"	"	Unsatisfactory.
5	....	....	.....	....	...	5	....	....	"	Yes.
....	....	1	... ...	....	....	....	....	....	"	Adequate.
2	....	2	Cardiac, 1	....	....	....	....	Influenza.....	Clean and healthful	Yes.
12	...	5	" 2.....	....	....	....	....	"	No.....	"
....	2	1	.....	....	....	....	....	....	Fair	No.
....	....	....	Valvular heart, 1; tuberculosis, 1	....	....	....	....	....	"	"
10	8	3	Osteomyelitis, 1.....	....	....	....	....	....	New	Good.
12	....	....	.....	....	....	....	....	....	Fair.....	Needs repairing.
2	....	....	.....	....	....	....	....	Influenza.....	Small.	Poor.
4	...	...	Epilepsy, 1	....	....	....	....	....	Lighting poor....	Yes.
....	...	4	.....	....	....	....	....	.....	Good.....	Fair.
26	3	7	....	....	....	....	....	Influenza; conjunctivitis	Very good.....	"
2	....	3	....	....	....	....	....	....	Good.....	Clean.
....	....	1	....	....	....	....	....	....	"	Good.
22	....	10	....	....	....	....	....	....	Very good.....	Yes.
86	20	43	Cardiac, 6; scoliosis, 3; tuberculosis, 1; nervous, 1; deformed chest, 2; nervous tic, 1; tachycardia, 2	....	....	....	....	....	Good.	Poor.
1	....	....	.....	....	....	....	....	....	Healthful	Clean.
3	....	2	.....	....	....	....	....	....	Good.....	Yes.

RURAL AND

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Granite Bay	C. McCallum		17	13	1	....	2	....	....	2	6
Grant's Mine	T. J. McPhee		21	17	....	....	1	....	....	....	2
Grindrod	H. M. Keith		16	12	....	....	....	....	....	....	3
Happy Valley	Richard Felton		20	17	....	....	1	....	....	....	....
Harewood	T. J. McPhee		280	261	2	1	5	4	27	16	28
Harpers Camp	I H. Wright		....	12	....	....	....	....	....	....	....
Harrogate	R. G. Stevenson		16	13	1	....	1	....	5	5	5
Harrop	A. V. Jones		18	16	....	....	1	....	....	....	8
Hat Creek	B. A. Hopkins		8	8	....	....	1	....	....	1	4
Hatzic Prairie	A. J. Stuart		5	4	....	....	....	....	....	....	2
Hedley	E. H. Gray		56	48	....	....	....	....	....	....	10
Heffley Creek	R. W. Irving		13	13	....	....	....	....	....	....	....
Heriot Bay	W. F. Shaw		14	13	....	1	....	....	1	1	5
Hilton	G. Williams		10	9	....	....	....	....	....	....	....
Hope	J. C. Elliot		56	52	....	1	1	7	1	4	12
Hope Station	"		9	7	....	....	....	....	1	1	3
Horse Creek	R. G. Stevenson		12	10	6	....	1	....	2	2	2
Hosmer	Douglas Corson		28	14	....	....	2	....	....	....	2
Howe Sound	F. Inglis		60	54	17	3	15	1	1	14	6
Hume	A. V. Jones		170	170	1	....	5	1	20	20	20
Hupel	H. M. Keith		7	3	....	....	....	....	....	....	....
Huscroft	G. B. Henderson		17	16	3	....	2	....	....	....	....
Hutton	G. E. Bayfield		31	31	....	....	1	....	....	3	3
Invermere	P. W. Turnor		10	9	....	....	....	....	....	....	3
Isabella Point	E. M. Sutherland		16	15	....	....	....	....	....	....	3
Jaffray	T. F. Saunders		55	37	....	....	1	....	7	6	7
Jordan River	W. D. Calvert		14	11	....	....	....	....	....	....	....
Kalden	H. McGregor		5	5	....	....	....	....	....	1	2
Kedleston	G. Williams		13	13	....	....	....	....	1	1	3
Kelowna, North	W. J. Knox		16	14	....	....	1	....	....	1	3
Keremeos	E. H. Gray		69	57	3	....	1	....	....	....	20
Kettle River, North	W. Truax		10	9	....	....	....	....	....	....	....
Kildonan	C. T. Hilton		6	6	....	....	....	....	1	1	4
Killarney	W. L. Ritchie		14	12	....	....	....	....	....	4	5
Kimberley	Green & MacKinnon		57	44	....	....	....	....	....	....	3
Kingsgate	G. B. Henderson		5	4	....	....	....	....	....	1	....
Kinnaird	John Nay		....	11	....	....	....	....	....	....	2
Kitchener	G. B. Henderson		14	11	....	....	4	....	....	1	....
Knutsford	R. W. Irving		14	8	2	1	1	....	....	....	1
Koch Siding	A. V. Jones		11	11	....	....	1	....	2	2	2
Koksilah	W. Dykes		18	16	....	....	1	....	....	....	6
Krestova	A. V. Jones		12	12	....	....	....	....	3	3	3
Lac du Bois	H. H. Murphy		12	10	....	....	....	....	....	....	1
Langford	Richard Felton		20	20	....	....	1	....	....	....	1
Lewis Creek	R. W. Irving		14	13	....	1	....	....	1	2	2
Lillooet	A. C. Nash		41	26	....	....	....	....	....	....	....
Little Fort	H. H. Murphy		18	16	....	....	1	....	....	....	1
Long Lake	R. W. Irving		15	13	1	....	....	....	....	....	....
Lucerne	S. Petersky		24	22	....	....	6	....	10	10	11
Lumby	G. Williams		46	40	....	....	....	....	4	8	8
Lytton	H. R. Fort		26	25	3	2	1	2	4	3	2
Mable Lake	G. Williams		14	14	....	1	....	....	2	2	3
Malahat	W. Dykes		....	12	....	....	....	....	....	....	1
Malakwa	J. H. Hamilton		26	19	....	....	....	....	....	....	7
Mapes	W. R. Stone		9	9	....	....	1	....	1	1	1
Mara	H. M. Keith		45	35	....	1	6	....	....	....	15
Marshall	C. F. Downman		8	7	1	....	....	....	....	....	1
Martin's Prairie	H. H. Murphy		20	18	....	....	1	....	....	....	....
Marysville	Green & MacKinnon		22	14	....	....	....	....	....	....	1
Mayne Island	E. M. Sutherland		24	24	....	....	....	....	....	....	1
Meadow Spur	J. Bain Thom		12	12	....	....	2	....	....	1	2
Meadow Valley	F. W. Andrew		7	7	....	....	1	....	....	....	1
Metchosin	Richard Felton		35	18	....	....	1	....	1	....	....
Metlakatla	R. W. Large		23	23	....	....	2	2	3	3	10

ASSISTED SCHOOLS—*Continued.*

Defective Teeth.	Enlarged Glands.	Goitre.	Other Conditions, specify (Nervous, Pulmonary, Cardiac Disease, etc.).	Vermin.	Scabies.	Impetigo.	Ringworm.	Acute Fevers which have occurred during the Past Year.	Condition of Building. State if crowded, poorly ventilated, poorly heated, etc.	Closets. State if clean and adequate.
4	....	....	.....	....	....	..	....	.....	Fair; crowded ..	Yes.
5	1	....	Nervous, 1.....	....	....	....	....	Influenza, 4.....	Fair.	Good.
5	....	2	.....	....	....	2	....	.....	Good.....	Yes.
1	....	....	.....	....	....	....	....	Influenza.....	"	Good.
107	11	3	Neurotic, 1; heart, 2.....	1	....	3	....	" 164.....	O.K.....	O.K.
....	....	....	.....	....	....	....	....	.....	Very good.....	Clean.
2	....	2	.....	....	....	....	....	.....	Crowded	Yes.
5	....	7	.....	....	....	....	....	.....	Good.....	One unusable.
....	2	....	.....	....	....	....	....	Influenza.....	Fair.....	Yes.
4	....	....	.....	....	....	....	....	" 4.....	Old and dilapidated.	Clean.
31	....	1	.....	....	....	....	....	"	Walls too low.....	Clean and adequate.
....	....	2	.....	....	....	....	....	"	Clean an ealth ful	Yes.
5	....	....	Nervous, 1	....	....	....	....	" 2.....	Good.....	Clean and adequate.
3	1	3	.....	....	....	....	....	.....	"	Good.
23	2	3	Sores, 1.....	....	....	....	....	Influenza, 31.....	Good..	Good.
2	....	2	.....	....	....	....	....	" 3.....	Fair	Poor.
5	....	....	.....	....	....	....	....	.....	Very good.....	Yes.
10	....	4	.....	....	....	....	....	Influenza.....	Good.....	Clean and adequate.
34	14	....	.....	3	....	....	....	"	"	Yes.
49	....	6	St. Vitus's dance, 1; mitral leak, 1	....	....	....	....	.....	"	"
1	....	2	.....	....	....	....	....	.....	"	"
2	....	....	.....	....	....	....	....	.....	"	Clean and adequate.
7	1	1	Anæmia, 1; epiliptic, 1	....	....	....	....	.....	"	Clean and adequate.
5	....	3	.....	....	....	....	1	....	"	Good.
9	3	....	Tachycardia, 2.....	....	....	....	....	Influenza.....	Fair.....	No.
28	2	1	.....	....	....	....	....	.....	"	Yes.
2	1	....	.....	....	....	....	....	Influenza, 5; mumps, 3..	Good; bad lighting	"
2	....	....	.....	....	....	....	....	.....	Good.....	"
2	....	2	.....	....	....	....	....	.....	"	Good.
2	1	....	Stammers, 2; chorea, 1.....	....	....	....	....	.....	"	"
35	....	1	Blepharitis, 1.....	....	....	....	....	Influenza.....	O.K.....	Clean and adequate.
2	....	....	.....	....	....	....	....	"	Poor	Fair.
2	....	....	.....	....	....	....	....	.....	Good.....	Yes.
2	....	7	.....	....	....	....	....	.....	"	"
4	....	....	.....	....	....	....	....	.....	"	"
....	....	....	.....	....	....	....	....	.....	Small building....	"
3	....	....	.....	....	....	....	....	.....	No.....	"
2	....	2	Cleft palate, 1; orthopædic defect, 1	....	....	....	....	Influenza.....	Good.....	Clean and adequate.
....	....	....	.....	....	....	....	....	"	Clean and healthful	Yes.
3	....	4	.....	....	....	....	....	.....	Good.	Good.
5	....	1	Cardiac, 1	....	....	....	....	.....	"	"
2	....	2	.....	....	....	....	....	.....	Fair.....	"
1	....	....	Tongue-tied, 1; pterygium, 1..	....	....	....	....	.....	Satisfactory.....	Not satisfactory.
....	....	....	Asthma, 1.....	....	....	....	....	Influenza.....	Good.....	Good.
....	....	....	.....	....	....	....	....	.....	Healthful.....	Clean.
17	2	....	.....	....	....	....	....	Influenza.....	Seating very bad .	Good.
6	....	1	Eczema, 1	....	....	....	....	"	Heating and lighting defective	Yes.
2	....	....	.....	....	....	....	....	"	Clean and healthful	"
21	22	17	Badly set fracture, 1; unclean, 10; blepharitis, 2; pigeon-breasted, 2; chronic pharynigitis, 5; rhinitis, 1	....	....	....	....	Influenza, 5; chicken-pox, 1; measles, 1	Good.....	One unclean.
4	1	2	.....	....	....	....	....	.....	Good.....	Good.
15	17	13	Pulmonary, 1.....	....	....	....	....	Influenza; whooping-cough	"	Clean and adequate.
2	....	1	.....	....	....	....	....	.....	"	Good.
4	2	....	.....	....	....	....	....	.....	"	"
3	....	2	.....	....	....	....	....	.....	"	"
1	....	....	.....	....	....	....	....	.....	O.K.....	Clean and adequate.
18	....	8	.....	....	....	....	....	.....	Good.....	Yes.
1	....	....	.....	....	....	....	....	.....	"	"
3	....	1	Eczema, 1	....	....	....	....	Influenza.....	Satisfactory.....	"
1	....	....	.....	....	....	....	....	.....	Good.....	"
6	1	1	Mitral disease, 1	....	....	....	....	Influenza.....	Fair.....	Fair.
3	....	1	.....	....	....	....	....	"	No	Yes.
3	3	....	Chorea, 1.....	....	....	1	....	" 4.....	Satisfactory.....	Satisfactory.
....	....	....	.....	....	....	....	....	"	Good.....	Good.
18	11	2	....	....	....	....	....	....	Fairly satisfactory	Fairly well kept.

RURAL AND

Name of School.	Medical Inspector.	School Nurse.	No. of Pupils enrolled.	No. of Pupils examined.	Malnutrition.	Defective Mentality.	Defective Vision.	Defective Hearing.	Defective Nasal Breathing.	Adenoids.	Enlarged Tonsils.
Michel	Douglas Corson		94	80	....	....	....	1	4	3	20
Michel, New	"		149	133	....	2	8	2	3	5	30
Mill Creek	C. G. G. Maclean		42	36	2	2	3	1	1	1	17
Mill Site	W. L. Ritchie		18	16	....	....	1	....	....	5	8
Minto	G. K. MacNaughton		56	50	2	5	3	6	14	....	15
Mission Creek	W. J. Knox		31	31	....	....	1	....	....	1	2
Monte Creek	H. H. Murphy		10	9	....	....	1	....	....	1	2
Montrose	L. T. Davis		11	10	....	....	....	....	....	....	....
Morrissey Mines	Douglas Corson		16	14	....	....	....	....	3	3	1
Mount Ingersoll	E. H. S. McLean		19	19	....	....	....	....	2	2	6
Moyie	Green & MacKinnon		38	32	1	....	1	....	....	....	8
Macalister	I. H. Wright		6	6	....	....	1	....	....	....	....
McGuire	T. F. Saunders		10	7	....	....	....	....	3	2	3
Nakusp	E. H. S. McLean		62	62	....	....	1	....	6	6	22
Nanaimo Bay	T. J. McPhee		70	59	1	....	2	3	3	3	10
Nanoose	L. T. Davis		20	20	....	....	....	....	....	....	....
Naramata	F. W. Andrew		32	28	4	....	1	....	4	4	7
Nechako	W. R. Stone		10	10	....	....	2	....	3	3	1
Needles	J. E. H. Kelso		14	14	....	1	....	....	....	1	....
New Denver	W. E. Gomm		94	93	....	....	5	....	....	1	28
Nickel Plate	E. H. Gray		5	5	....	....	....	....	....	....	....
Nicola	J. J. Gillis		20	18	2	4	6	3	7	4	7
Nicola, Lower	"		22	15	3	....	2	1	8	6	10
Nicomen	A. J. Stuart		20	18	2	....	....	..	....	....	9
Nicomen, North	"		16	13	2	....	....	....	3	2	5
Nine-mile Creek	J. Bain Thom		7	7	....	....	1	....	....	....	2
North Bend	H. R. Fort		33	32	3	1	3	5	5	4	2
Northfield	T. J. McPhee		44	33	2	....	2	1	1	....	12
North Thompson, West	R. W. Irving		10	10	1	1	1	....	....	....	1
Notch Hill	Walter Scatchard		45	41	....	....	2	....	1	1	12
No. 7 Mine	G. K. MacNaughton		....	58	3	1	8	1	14	3	22
Ocean Falls	John Christie		79	74	....	....	7	1	3	3	5
Okanagan	W. J. Knox		22	19	....	....	2	....	....	....	1
Okanagan Centre	"		17	15	....	....	....	....	....	1	....
Okanagan Falls	H. McGregor		14	14	....	2	....	....	3	3	5
Okanagan Landing	G. Williams		36	36	....	....	....	....	3	4	11
Okanagan, South	W. J. Knox		26	26	1	....	1	....	....	1	1
Olalla	E. H. Gray		11	8	4	3	....	....	1	....	5
Olsen Lake	A. Henderson		10	8	....	....	1	....	....	2	4
Osooyos	H. McGregor		....	7	....	....	1	...	1	1	2
Otter Point	W. D. Calvert		9	9	1	....	....	....	....	....	2
Outlook	W. Truax		15	12	...	....	....	....	1	1	....
Oyama	G. Williams		47	45	....	....	....	....	3	4	6
Oyster	Montgomery & Watson		20	10	....	....	....	....	3	2	3
Oyster, North	"		34	25	....	....	....	....	....	....	5
Pachelqua	A. C. Nash		15	9	....	....	....	1	....	....	....
Park Siding	J. Bain Thom		6	6	....	....	1	....	....	....	1
Parksville	L. T. Davis		40	39	....	....	....	....	....	....	....
Parson	R. G. Stevenson		10	4	2	....	....	....	3	3	3
Pass Creek	A. V. Jones		15	15	2	1	3	1	3	3	3
Pemberton Range	R. W. Irving		16	7	....	....	1	....	....	....	....
Pender Island	E. M. Sutherland		23	21	....	....	2	....	....	....	4
Perry Siding	A. V. Jones		19	19	....	....	3	....	....	....	....
Popcum	J. C. Elliot		9	9	....	....	....	3	1	1	2
Port Alice	O. O. Lyons		30	27	....	....	1	1	4	4	10
Powell River	A. Henderson		152	147	4	3	1	3	6	20	73
Prince's Creek	G. C. Read		....	9	....	....	....	....	....	1	2
Princeton	W. L. Ritchie		132	120	....	2	3	1	....	15	28
Procter	G. C. Read		....	39	....	....	3	....	...	4	9
Qualicum Beach	L. T. Davis		48	42	....	....	2	....	....	....	....
Qualicum, Little	"		16	10	....	....	....	....	....	....	2
Quatsino	O. O. Lyons		22	19	....	....	1	....	2	2	8
Quesnel	G. R. Baker		....	30	....	....	2	....	1	....	1

ASSISTED SCHOOLS—*Continued.*

Defective Teeth.	Enlarged Glands.	Goitre.	Other Conditions, specify (Nervous, Pulmonary, Cardiac Disease, etc.).	Vermin.	Scabies.	Impetigo.	Ringworm.	Acute Fevers which have occurred during the Past Year.	Condition of Building. State if crowded, poorly ventilated, poorly heated, etc.	Closets. State if clean and adequate.
36	....	16	Cardiac, 4	....	....	....	....	Influenza	Very poor	Clean but crowded.
82	....	41	Cardiac, 4; orthopædic, 1	....	....	....	....	Influenza; scarlatina	Poor	Disgraceful.
14	11	....	Nervous, 3; cardiac, 2	....	....	....	....	Influenza, 8; chicken-pox, 5	Good	Good.
3	....	2	Cardiac, 1	....	....	....	....		Excellent	Yes.
40	31	5	Cardiac, 1; catarrh, 2; blepharitis, 5	....	....	....	....	Chicken-pox	Good	Good.
3	2	....	Impetigo, 1	....	....	1	....	" 2	"	"
4	....	1		....	....	....	....	Influenza	Clean and healthful.	Yes.
....	....	....		....	....	....	....		Good	Adequate.
10	....	1		....	....	....	....	Influenza; scarlatina	Very bad	Clean and adequate.
9	....	9		....	....	....	....	Influenza; scarlet fever	Very good	Fair.
11	2	1		....	....	....	....		Good	Doors need repairing.
2	....	....		....	....	....	....		Good	Clean.
5	....	....		....	....	....	....		Crowded	Yes.
47	5	9	Deformed foot, 1	....	....	....	....	Influenza; chicken-pox; conjunctivitis	Very good	Fair.
20	2	1	St. Vitus's dance, 1	1	....	1	....	Influenza, 25	Fair	O.K.
....	....	....		....	....	....	....		Good	Adequate.
10	4	1		....	....	....	....	Influenza, 4	"	Good.
7	....	....		....	....	....	....		O.K	Clean and adequate.
2	....	2	Mitral and aortic incompetence, 1	....	....	....	....		Good	Yes.
....	2	57	Cardiac irregularity, 2; paralysis, 1	....	....	....	....	Influenza		
5	....	1		....	....	....	....	"	O.K	Clean and adequate.
9	7	7	Cardiac, 1	....	....	1	....	Mumps	Good	Clean.
7	4	6		....	....	....	....	"	"	Fairly clean.
9	2	3		....	....	....	....	Influenza, 8	Satisfactory	Clean and adequate.
10	1	....		....	....	....	....	" 6	"	Flooded with water.
3	....	1		....	....	....	....		No	Yes.
9	19	10	Orthopædic, 2; pulmonary, 2	....	....	....	....	Influenza; measles	Good	Clean; out of repair
15	5	1		....	....	....	....	Influenza, 19	"	O.K.
1	1	2		....	....	....	....	"	Clean and healthful	Yes.
27	....	23		....	....	....	....	"	Satisfactory	Good.
46	30	4	Cardiac, 1; anæmia, 3; wax in ears, 15; blepharitis, 1; defective speech, 2	....	....	....	....	Influenza; chicken-pox	"	"
5	2	1	Valvular heart-disease, 1	....	....	....	....	Influenza	Crowded; poorly ventilated	Yes.
3	1	....	Anæmia, 2; chorea, 2	....	....	....	....		Good	Good.
2	1	....		....	....	....	....		"	"
4	1	3	Cardiac, 1; nervous, 1	....	....	....	....	Influenza, 3	"	Yes.
15	2	7		....	....	....	....		"	Good.
2	2	....		....	....	....	....		"	Clean.
8	2	....		....	....	....	....	Influenza	O.K	Clean and adequate.
....	....	....		....	....	....	....		Good	O.K.
4	1	2		....	....	....	....		Poorly built	Yes.
....	2	....		....	....	....	....	Influenza, 5	Good	"
3	....	....		....	....	....	....	Influenza	Fair	Fair.
6	1	10		....	....	....	....		Good	Good.
4	....	1		....	....	....	....	Influenza	"	Yes.
4	....	....		....	....	....	....	"	"	"
2	1	....		....	....	....	....	"	Normal	"
1	....	....		....	....	....	....		No	"
....	....	2		....	....	....	....	Influenza	Good	Adequate.
2	1	2		....	....	....	....		Very good	Yes.
5	....	2		1	....	....	....		Good	Good.
....	....	....		....	....	....	....		Satisfactory	Yes.
2	5	2	Irregular cardiac action, 2	....	....	....	....		Fair	No.
10	....	5		....	....	....	....		Crowded	Fair.
4	1	1		....	....	....	....		Fair	Poor.
17	2	....		....	....	....	....		Good	Yes.
48	....	4	Mitral, 2	....	....	....	....		"	O.K.
3	1	....		....	....	....	....		"	Good.
15	1	18		....	....	....	....		Excellent	Yes.
8	1	11		....	....	....	....		Good	Good.
10	1	1		....	....	....	....		"	Adequate.
1	....	....		....	....	....	....		"	"
16	....	....		....	....	....	....		"	Yes.
2	....	1		....	....	....	....	Influenza	"	"

RURAL AND

Name of School.	Medical Inspector.	School Nurse.	No. of Pupils enrolled.	No. of Pupils examined.	Malnutrition.	Defective Mentality.	Defective Vision.	Defective Hearing.	Defective Nasal Breathing.	Adenoids.	Enlarged Tonsils.
Reiswig	G. Williams		6	6	....	....	....	....	....	....	....
Renata	J. E. H. Kelso		24	14	....	...	1	....	...	2	3
Retreat Cove	E. M. Sutherland		10	8	...	....	....	....	..	....	1
Riondel	G. C. Read		.....	8	1	....	....	....	....	2	2
Roberts Creek	F. Inglis		11	11	1	1	1	1	1	2	3
Roberts Creek, East	F. Inglis		17	16	9	2	5	....	....	4	1
Robin Range	M. G. Archibald		22	16	....	...	1	....	2	1	3
Robson	J. E. H. Kelso		22	21	....	....	....	....	....	2	2
Rock Bay	C. McCallum		12	12	....	....	1	...	....	2	4
Rocky Point	Richard Felton		5	4	....	....	....	....	....	....	....
Roosville	T. F. Saunders		9	7	...	....	....	....	1	1	1
Rosebery	W. E. Gomm		9	9	....	....	2	....	....	....	1
Rose Hill	R. W. Irving		8	8	....	....	1	....	....	....	....
Rose Valley	W. R. Stone		11	10	....	....	....	....	....	....	....
Royston	G. K. MacNaughton		18	16	3	1	2	....	5	....	5
Rutland	W. J. Knox		68	68	1	....	2	....	....	5	6
Sahtlam	W. Dykes		20	18	....	....	1	....	....	1	3
St. Elmo	J. C. Elliot		18	16	....	....	2	3	1	1	2
Salmo	J. Bain Thom		40	38	1	....	3	....	....	....	5
Salmon River	P. D. van Kleeck		.....	19	....	....	2	....	....	3	12
Savona	M. G. Archibald		18	14	....	....	....	....	4	2	2
Savona Road	"		10	10	....	....	....	....	1	1	2
Sechelt	F. Inglis		13	13	3	....	4	....	....	11	1
Seton Lake Creek	A. C. Nash		19	16	....	....	....	..	1	2	....
Shawnigan Lake	W. Dykes		.....	21	....	....	....	....	....	....	3
Shoal Bay	C. McCallum		11	11	....	....	1	....	....	3	7
Shoreacres	A. V. Jones		15	13	...	...	3	....	4	4	4
Shuswap	Walter Scatchard		11	10	....	....	....	....	1	1	3
Shuswap, North	"		21	16	....	....	1	....	1	..	....
Shutty Bench	G. C. Read		.....	8	2	....	1	....	....	2	2
Sicamous	Edward Buckell		24	19	....	1	3	1	2	2	1
Silver Creek	"		26	24	....	2	1	....	....	....	5
Silverton	W. E. Gomm		92	83	....	2	5	....	2	7	24
Similkameen	E. H. Gray		12	9	....	....	....	....	....	....	1
Simpson	R. W. Large		31	25	....	....	3	2	1	....	13
Sinclair	P. W. Turnor		14	13	....	....	....	....	....	....	1
Sirdar	G. B. Henderson		13	11	...	....	....	....	....	....	2
Skookumchuck	F. Inglis		11	7	1	....	1	....	....	3	....
Slocan Junction	A. V. Jones		22	20	....	....	3	....	4	4	4
Soda Creek	I. H. Wright		25	13	....	....	1	....	....	....	....
Solsqua	J. H. Hamilton		12	10	....	....	....	....	....	....	1
Sooke	W. D. Calvert		34	31	....	....	2	....	1	1	2
Sooke Harbour	"		14	14	....	....	....	....	....	....	1
Sorrento	Walter Scatchard		8	7	....	....	2	....	....	....	1
Spences Bridge	J. J. Gillis		18	14	1	2	3	2	5	3	7
Springhouse	I. H. Wright		6	5	....	....	....	....	....	....	....
Squam Bay	Walter Scatchard		17	14	....	....	....	....	2	2	2
Standard Mine	W. E. Gomm		14	13	....	....	2	....	....	....	2
Stellaco	W. R. Stone		11	11	....	....	....	....	1	1	1
Sullivan Valley	R. W. Irving		4	2	....	....	....	....	....	....	....
Sylvania	W. Dykes		.....	23	....	....	....	....	1	....	12
Syringa Creek	J. E. H. Kelso		7	7	....	....	1	....	....	....	1
Tappen Siding	Edward Buckell		33	22	....	....	1	1	....	....	8
Tappen Valley	"		13	10	....	1	....	....	....	....	3
Tata Creek	Green & MacKinnon		8	6	....	....	2	....	....	....	1
Telegraph Creek	Edward Rice		21	19	2	....	....	....	3	2	6
Thrums	A. V. Jones		19	19	....	....	....	....	5	5	5
Tranquille	R. W. Irving		20	13	....	....	1	....	....	....	1
Trapp Lake	"		20	15	1	....	1	....	....	....	3
Trout Creek, Upper	F. W. Andrew		6	6	....	....	1	1	....	....	....
Tulameen	W. L. Ritchie		10	8	....	....	....	....	....	3	5
Turtle Valley	Walter Scatchard		16	13	....	....	....	....	....	....	4
Ucluelet	D. S. Dixon		19	14	....	....	....	....	....	....	2
Ucluelet Arm	"		14	11	....	....	....	....	....	....	3
Ucluelet, East	"		7	6	....	....	....	....	....	....	....
Union Bay	G. K. MacNaughton		75	69	13	1	8	9	19	4	20
Valdes Island	W. F. Shaw		20	19	....	....	7	....	1	6	15

ASSISTED SCHOOLS—*Continued.*

Defective Teeth.	Enlarged Glands.	Goitre.	Other Conditions, specify (Nervous, Pulmonary, Cardiac Disease, etc.).	Vermin.	Scabies.	Impetigo.	Ringworm.	Acute Fevers which have occurred during the Past Year.	Condition of Building. State if crowded, poorly ventilated, poorly heated, etc.	Closets. State if clean and adequate.
2	....	....		....	....	....	....	....	Good	Good.
2	....	4	Slight curvature of spine, 1	....	....	....	....	....	"	Yes.
4	4	....	Pulmonary tuberculosis, 2	....	....	....	....	....	Poor; no steps	No.
2	2	....		....	....	....	....	....	Good	Good.
2	4	....		....	....	....	....	Influenza	"	Clean and adequate.
9	....	....	Chronic nasal catarrh, 2	....	....	....	....	Influenza	Good	Yes.
3	....	....		....	....	....	....	....	Fairly good	Poor.
2	....	4	Mesenteritis, 1	....	....	....	....	....	Good	Yes.
4	1	....		....	....	....	....	....	"	"
....	....	....		....	....	....	....	Influenza	"	Good.
5	....	....		....	....	....	....	....	"	Yes.
....	....	3		....	....	....	....	....	"	Clean and adequate.
....	....	....		....	....	....	....	Influenza	Clean and healthy	Yes.
2	....	....		....	....	....	....	....	O.K	Adequate.
13	9	....	Blepharitis, 2; anæmia, 2; catarrh, 2	....	....	....	....	Influenza	Good	Good.
5	1	1	Anæmia, 5; heart, 1	....	....	....	....	Mumps	"	"
6	....	1		....	....	....	....	....	Poor	Fair.
3	....	1	Anæmia, 2	....	....	....	....	....	"	Poor.
8	....	3	Cardiac, 2	....	....	....	....	Influenza	No	Yes.
13	....	2		....	....	....	....	....	Good	Clean.
13	....	4		....	....	....	....	Chicken-pox, 8	"	Poor repair and inadequate.
5	....	4		....	....	....	....	....	"	One; inadequate.
7	6	....		6	....	....	....	Influenza	"	Inadequate.
11	2	....		....	....	....	....	"	Normal	Good.
2	....	1		....	....	....	....	....	Good	"
3	....	....		....	....	....	....	....	"	Yes.
4	....	2		....	....	....	....	....	"	Good.
8	1	5		....	....	....	....	Influenza	Satisfactory	No lids.
7	....	9		....	....	....	....	"	"	"
2	2	....		....	....	....	....	....	Good	Good.
5	....	2		....	....	....	....	Influenza; varicella	"	Yes.
17	2	6		....	....	....	....	....	Excellent; heater in wrong position	"
....	....	30	Cardiac, 1; chronic bronchitis, 1; orthopædic, 11; nervous, 1	....	....	....	....	Influenza	Good	Clean and adequate.
5	....	....		....	....	....	....	"	Seats not properly graded to size	Clean and adequate.
19	14	....		....	....	....	....	Scarlet fever, 2	Satisfactory	Clean and adequate.
2	....	....		....	....	....	....	....	Good	Satisfactory.
....	....	....		....	....	....	....	....	"	Clean and adequate.
4	2	....		....	....	....	....	Influenza	"	Inadequate.
6	....	3		....	....	....	....	....	Poorly heated	Good.
5	....	....		....	....	....	....	....	Excellent	Clean.
3	....	....		....	....	....	....	....	Good	Good.
6	3	....		....	....	....	....	Influenza, 10	"	Yes.
6	....	....		....	....	....	....	....	"	"
4	....	6		....	....	....	....	Influenza	Satisfactory	Good.
7	4	8		....	....	....	....	Mumps	Good	Clean.
....	....	....	Deformed leg from paralysis, 1	....	....	....	....	....	Very good	"
6	1	10		....	....	....	....	Whooping-cough	Fair	Unfinished.
....	....	3		....	....	....	....	....	Good	Clean and adequate.
4	....	....		....	....	....	....	....	Small room	Adequate.
....	....	....		....	....	....	....	Influenza	Clean and healthful	Yes.
9	3	....		....	....	....	....	....	Good	Good.
1	....	1		....	....	....	....	....	"	Yes.
11	....	7	Pulmonary, 3	....	....	....	....	Measles	"	Dirty and inadequate
2	....	2		....	....	....	....	Pertussis	Ceiling too low	pits too shallow.
5	....	....		....	....	....	....	....	Good	Yes.
8	1	1	Orthopædic defects, 2	....	....	....	....	....	....	Insanitary.
2	....	4		....	....	....	....	....	Crowded	Yes.
....	....	1	Pulmonary tuberculosis, 2	....	....	....	....	....	Healthful	Clean.
....	....	1	Cleft palate, 1	....	....	....	....	Influenza	Clean and healthful	Yes.
3	1	....	Chorea, 1	....	....	....	....	" 4	Satisfactory	Fair.
3	....	....	Cardiac, 1	....	....	....	....	....	Fair	Yes.
8	....	5		....	....	....	....	Influenza	Satisfactory	Good.
5	....	....		....	....	....	....	....	Good	Good.
4	....	2	Weak muscles in back, 1; defective speech, 1	....	....	....	....	....	"	"
....	....	2	Nervous, 1	....	....	....	....	....	"	"
50	18	5	Cardiac, 2; anæmia, 3; blepharitis, 3	....	....	....	....	Influenza	"	Adequate, but very dirty.
10	1	....	Chorea, 1	....	....	....	....	"	"	Should be moved.

RURAL AND

Name of School.	Medical Inspector.	School Nurse.	No. of Pupils enrolled.	No. of Pupils examined.	Malnutrition.	Defective Mentality.	Defective Vision.	Defective Hearing.	Defective Nasal Breathing.	Adenoids.	Enlarged Tonsils.
Vananda	C. F. Downman		31	30	....	....	....	....	1	....	2
Vanderhoof	W. R. Stone		55	51	...	....	1	....	14	14	12
Vesuvius	E. M. Sutherland		11	11	....	....	....	....	1	1	2
Vesuvius, North	"		17	16	....	....	1	....	...	....	4
Waldo	T. F. Saunders		59	56	....	....	2	....	11	7	11
Walhachin	B. A. Hopkins		10	3	1	....	2	....	....	....	....
Wanklyn	Green & MacKinnon		7	6	....	...	1	....	....	....	3
Wapta	R. G. Stevenson		13	10	4	1	3	....	4	2	2
Wardner	Green & MacKinnon		28	20	....	1	1	....	1	1	3
Wasa	"		13	11	....	....	1	....	....	....	....
Waterloo	T. J. McPhee		25	23	....	....	1	....	1	....	5
Wellington	"		40	36	1	2	2	....	1	1	5
Wellington, East	"		28	26	....	....	1	....	....	1	3
Wellington, South	"		135	118	2	1	6	5	5	7	20
Westbank Townsite	Wm. Buchanan		16	15	....	...	1	....	....	....	2
Whaletown	W. F. Shaw		10	9	....	....	....	....	1	....	2
White Lake	Edward Buckell		17	16	....	....	1	....	....	....	....
William's Lake	I. H. Wright		22	16	....	1	1	1	....	....	1
William's Siding	A. V. Jones		7	7	....	....	1	....	2	2	2
Willow River	C. Ewert		10	9	....	1	....	....	2	2	2
Wilmer	P. W. Turnor		14	12	....	....	....	....	....	1	2
Windermere	"		14	10	...	....	....	....	....	....	2
Winlaw	A. V. Jones		18	14	....	....	....	....	3	3	3
Woods Lake	W. J. Knox		35	33	...	....	1	...	....	3	2
Wycliffe	Green & MacKinnon		43	33	3	2	4	....	....	....	8
Wynndel	G. B. Henderson		28	24	....	....	4	....	....	...	3
Yahk	"		10	9	....	....	5	....	1	1	1
Yale	P. S. McCaffrey		15	11	3	...	3	....	....	....	....
Ymir	J. Bain Thom		26	25	....	1	2	....	....	....	3

ASSISTED SCHOOLS—*Concluded.*

Defective Teeth.	Enlarged Glands.	Goitre.	Other Conditions, specify (Nervous, Pulmonary, Cardiac Disease, etc.).	Vermin.	Scabies.	Impetigo.	Ringworm.	Acute Fevers which have occurred during the Past Year.	Condition of Building. State if crowded, poorly ventilated, poorly heated, etc.	Closets. State if clean and adequate.
18	....	....	Spiral curvature, 1	....	...	....	....	.....	Fair	Yes.
16	....	2	.....	....	....	....	....	Influenza	Crowded	Dirty.
....	....	....	Irregular heart, 1	....	..	....	2	.....	Fair	No.
9	1	....	.....	....	....	....	....	.....	"	"
34	2	1	Nervous, 1	....	....	....	....	.....	Good	Yes.
2	...	1	.....	....	..	....	....	Influenza	"	"
4	....	....	.....	....	....	....	....	.....	"	"
3	....	2	Imbecile, 1	....	....	....	....	.....	Very good	"
4	....	....	.....	....	....	....	....	.....	Good	"
5	....	....	.....	....	....	....	....	.....	"	"
7	....	....	.....	....	....	....	....	Influenza, 5	Fair	O.K.
13	3	1	Neurotic, 1	....	....	....	....	" 15	Good	Fair.
7	1	....	.....	....	....	....	....	" 7	"	O.K.
31	5	2	Nervous, 1; cardiac, 1	2	....	1	....	" 52	"	"
3	....	14	.....	....	....	....	....	.....	Satisfactory	Clean and adequate.
6	....	....	.....	....	....	....	....	Influenza, 8	Good	Clean and adequate.
3	....	3	Deformed hand, 1	....	....	....	....	.....	"	Yes.
....	....	....	.....	....	....	....	....	Influenza	Excellent	Clean and adequate.
3	...	1	.....	....	....	....	....	.....	Good	Yes.
4	2	2	Round shoulders, 1; Systolic murmur, 1	....	....	....	....	Influenza	"	Clean and adequate.
9	....	....	.....	....	....	....	....	.....	Fair	Fair.
3	....	....	.....	....	....	....	....	.....	Good	Good.
4	....	3	.....	....	....	....	....	.....	Crowded	Yes.
5	2	2	Chorea, 1	....	....	....	....	.....	Good	Clean.
6	2	6	.....	....	....	....	....	.....	"	Yes.
1	....	....	.....	....	...	....	....	.....	"	Clean and adequate.
2	....	....	.....	....	....	....	....	.....	"	Clean and adequate.
3	1	3	Pott's disease, 1	....	....	....	....	Influenza, 5	O.K	O.K.
10	....	2	Cardiac, 4	....	...	....	....	"	No	Yes.

REGISTRAR'S REPORT UNDER THE VITAL STATISTICS ACT.

VICTORIA, B.C., August 25th, 1919.

H. E. Young, Esq., M.D.,
Secretary, Provincial Board of Health, Victoria, B.C.

SIR,—Herewith please find Forty-seventh Report of Vital Statistics for the year beginning July 1st, 1918, and ending June 30th, 1919.

In compiling this report we are confronted with conditions which have not occurred before. During the past year this Province (in fact, the world) has been swept by a scourge in the form of an epidemic which caused a greater loss of life *per capita* among civilians than was suffered by our soldiers at the seat of war.

The greatest of all wars of which we have record having come to an end, the survivors of the patriot band who offered themselves in defence of the rights of man as opposed to militarism and tyranny are returning; their numbers and presence are to a perceptible degree increasing, or, rather, restoring the volume of our population.

Under these conditions it has become more than ever necessary to ascertain, as nearly as possible, numerically, what our population really is in order that the rates per thousand of births, deaths, and marriages may be clearly shown. With that object in view, a census not having been taken for eight years, after conferring with different heads of departments, the conclusion has been arrived at that no better course can be found than that followed heretofore by this branch of the Service—viz., to depend on the enrolment of children in our public schools; consequently, their number will be made the base on which we found our calculation to fix the number of our population. The plan is considered a correct one, yet it calls for discernment in this: Where rail and water transportation meet, allowance must be made for a floating population. The same rule will apply to mining centres, where, generally, the bachelors are anything but fixed members of their respective communities; also, the rule will apply to all portions of the country where public works are under way, and right here occasion is taken to point out that in our lumber camps alone there are fully 3,500 men employed, and at least 2,000 engaged in cutting cordwood, who, generally speaking, belong to no particular place, whilst in the agricultural portions the population is, figuratively, anchored, and in such portions of the Province no allowance is made for persons who may be here to-day and away to-morrow.

With that intention and plan determined on, we, in justice to all places, will recite the number of children enrolled in the public schools in the different school districts of the Province, and to those who are considered entitled to a floating population we will multiply the number of children enrolled by 6½, assuming that one child represents 6½ of the remainder of the population, whilst to agricultural portions, where residence is fixed, we will multiply the number of children by 5½. For example:—

Vancouver City has enrolled 17,773 × 6½ = population of 115,524.

New Westminster, agricultural districts, comprising all of the division saving New Westminster City, Burnaby, and Chilliwack City, enrolled 3,778 × 5½ = population of 20,779.

The following places have the number of children enrolled:—

MULTIPLIED BY 6½.		
Place.	No. of Children.	Population.
Chilliwack	425	3,142
Cranbrook	563	3,659
Cumberland	456	2,964
Esquimalt	624	4,056
Fernie	911	5,921
Grand Forks	455	2,957
Phoenix	133	864
Golden	13	84
Greenwood	135	877
Kamloops	621	4,036
Kaslo	212	1,378
New Westminster City	2,623	17,049
Ladysmith	438	2,847
Nanaimo	1,198	7,787
Nelson	851	5,531
Oak Bay	587	3,815
Point Grey	1,496	9,724
Prince Rupert	626	4,069
Prince George	212	1,378
Revelstoke	651	4,231
Rossland	557	3,620
Trail	613	3,984
Slocan	67	435
Vancouver City	17,773	115,524
Victoria City	6,081	39,526
North Vancouver District	475	3,087
North Vancouver City	1,246	8,099
South Vancouver	5,698	37,037
West Vancouver	215	1,397
Richmond	479	3,113
Sandon	37	240
Merritt	277	1,800
Totals	46,748	304,231

MULTIPLIED BY 5½.		
Place.	No. of Children.	Population.
Chilliwack District	697	3,833
Burnaby	1,760	9,680
Courtenay	140	770
Duncan	250	1,375
Cowichan	170	935
Salmon Arm	364	1,902
New Westminster District	3,778	20,779
Alberni	225	1,237
Vernon	684	3,762
Kelowna	482	2,651
Peachland	112	616
Summerland	288	1,584
Penticton	499	2,744
Armstrong	308	1,694
Enderby	177	973
Spallumcheen	156	858
Coldstream	59	324
Saanich	1,584	8,712
Balance of Province	13,005	71,527
Totals	24,738	135,956

The two classes added show an enrolment of 71,486 and a population of.... 440,187
To which must be added the Indians (aborigines) 24,744

Giving a total population of 464,931

The returns from Indian Agents, although vastly improved over former years, are not yet considered sufficiently accurate to allow of their number being coupled with that of the balance of the population in striking rates, and the result is that each is given separately. However, it will be only a short time before the distinction will cease to exist and rates will be given as from our population as a whole.

Following are the registrations, not including Indians, for:—

	1915.	1916.	1917.	1918 (6 mos.).	1918-19.
Births	10,516	9,841	9,450	4,940	9,010
Deaths	3,832	3,887	3,896	2,046	6,696
Marriages	3,393	3,169	2,861	1,443	2,829
Totals	17,741	16,897	16,207	8,429	18,535

Following are the rates per thousand of population for births, deaths, and marriages for the years 1916, 1917, 1918 (six months), and July, 1918, to June, 1919, inclusive. These figures do not include the Indian population.

Place.	1916. Pop. 383,380.	1917. Pop. 379,804.	1918 (6 Mos.) Pop. 382,698.	1918-19 (July 1 to June 30). Pop. 440,187.
Province—				
Registered births	9,841—25.66	9,433—24.83	4,940—12.91	9,010—20.46
Registered deaths	3,887—10.14	3,896—10.25	2,046— 5.34	6,696—15.21
Registered deaths, less still-born	3,686— 9.60	3,721— 9.79	1,954— 5.10	6,508—14.78
Registered marriages	3,169— 8.27	2,861— 7.53	1,443— 3.77	2,829— 6.42
Vancouver City—				
Registered births	2,686—28.07	2,670—27.81	1,493—13.95	2,724—23.58
Registered deaths	1,240—12.96	1,307—13.61	681— 6.36	2,294—19.85
Registered deaths, less still-born	1,125—11.65	1,223—12.74	641— 5.99	2,217—19.19
Registered marriages	1,152—13.08	1,191—12.40	624— 5.83	1,272—11.01
Victoria City—				
Registered births	1,106—30.29	995—26.97	492—13.25	1,019—25.78
Registered deaths	533—14.59	476—13.03	285— 7.68	652—16.49
Registered deaths, less still-born	508—13.09	456—12.48	272— 7.32	623—15.76
Registered marriages	420—12.59	382—10.46	201— 5.41	405—10.24
South Vancouver—				
Registered births	579—20.60	480—17.07	207— 6.56	430—11.61
Registered deaths	112— 3.98	88— 3.13	52— 1.64	230— 6.21
Registered deaths, less still-born	97— 3.45	76— 2.70	45— 1.43	221— 5.96
Registered marriages	110— 3.91	97— 3.09	52— 1.64	116— 3.13
Remainder of Province—				
Registered births	5,470—24.47	5,288—24.12	2,748—13.27	4,837—19.89
Registered deaths	2,002— 9.16	2,025— 9.23	1,028— 4.96	3,520—14.18
Registered deaths, less still-born	1,956— 8.76	1,966— 8.96	996— 4.81	3,447—13.89
Registered marriages	1,387— 6.21	1,191— 5.43	566— 2.73	1,036— 4.17

The following table has been condensed for the purpose of saving space, and is explained as follows:—

Victoria Division includes Victoria, Cowichan, Esquimalt, Ganges and Islands of the Gulf, Oak Bay, and Saanich.

New Westminster Division includes Burnaby, Coquitlam, Fraser Mills, Ladner, Langley, Maple Ridge, Mission, Matsqui, Port Coquitlam, Port Moody, Pitt Meadows, Sumas, Surrey, Chilliwack, and outside or unorganized territory.

Nanaimo Division includes Nanaimo, Alert Bay, Comox-Cumberland, Ladysmith, and Powell River.

Vancouver Division includes Vancouver City, South Vancouver, Point Grey, North Vancouver City, North Vancouver District, West Vancouver, Richmond, and outside or unorganized territory.

Alberni Group includes Alberni, Atlin, Bella Coola, Clayoquot, Anyox, Fort Fraser, Hazelton, Fort St. John, Hudson Hope, Pouce Coupe, Porter's Landing, Prince Rupert, Quatsino, Queen Charlotte, Stewart, and Telegraph Creek.

Ashcroft Group includes Ashcroft, Barkerville, Fort George, Tete Jaune Cache, McBride, Clinton, Lillooet, Quesnel, 150-Mile House, and Yale.

Fairview Group includes Fairview, Greenwood, Grand Forks, Kamloops, Nicola, Princeton, and Vernon.

Beaton Group includes Beaton, Cranbrook, Fernie, Golden, Kaslo, Nakusp, Nelson, New Denver, Revelstoke, Rossland, Slocan City, Trail, Trout Lake, and Wilmer.

In other places the individual places and divisions are segregated and their returns given in full.

REGISTRATIONS FOR PROVINCE.

Divisions and Groups of Divisions.	BIRTHS.			DEATHS.			MARRIAGES.		
	1917.	1918 (6 Mos.).	July, 1918, to June, 1919.	1917.	1918 (6 Mos.).	July, 1918, to June, 1919.	1917.	1918 (6 Mos.).	July, 1918, to June, 1919.
Victoria	1,398	689	1,324	589	358	838	449	223	463
Nanaimo	575	311	583	218	128	430	112	67	118
Vancouver	3,658	1,964	3,650	1,549	820	2,874	1,394	731	1,492
New Westminster..	1,150	629	1,094	495	257	765	279	135	222
Ashcroft	196	80	168	74	28	143	44	18	43
Fairview	1,057	515	981	364	165	570	218	115	185
Alberni	357	177	359	144	77	348	107	47	114
Beaton	1,059	575	851	463	213	728	258	107	192
Totals	9,450	4,940	9,010	3,896	2,046	6,696	2,861	1,443	2,829

Births.—In the year 1917 there were 9,450 births registered. In 1918-19 (July 1st to June 30th) the number only reached 9,010, a decline of 440, or 4.65 per cent.

The above figures do not include returns of births of Indians received from the different Agents, amounting to 380; they are not included because this is the first year that we have been able to give anything like a full report concerning this portion of our population, and, further, because as they were not included in 1917 it would be unfair to swell this year's number when comparing same with 1917.

Whilst dealing with the registration of births, the opportunity is taken to call attention to the total registration of births during the year 1918-19, 9,010, and registration of births which actually took place during the year, 6,969, which shows a difference of 2,041—that being the number of delayed registrations of births received during the twelve months, or 22.65 per cent. of all registrations of births.

In the same connection the total registrations of births exceed the deaths by 2,014, whilst the registration of births occurring in the immediate past year, 1918-19, show only the small natural increase of 273.

The above particulars are cited simply to show the importance of registration at the proper time in order that one who makes tabulated statements may use reasonably correct figures and not be driven to assuming that the increase or decrease is this or that number.

Deaths.—In 1917, registrations amounted to 3,869. For the year ending June 30th, 1919, 6,696, an increase of 2,827 over 1917, or 73.06 per cent. In this particular line, also, the Indian death reports, amounting to 1,046, are not included.

Marriages.—In 1917 there were 2,861 registrations of marriages, as compared with 2,829 for year July 1st, 1918, to June 30th, 1919, a decline of 1.12 per cent. Indian marriages not included, 150.

The entire registrations: Births, deaths, and marriages for 1917 amounted to 16,180. For 1918-19 (July 1st to June 30th), 18,535, an increase of 2,325, or 14.55 per cent. Indians not included, 1,576.

To recapitulate: Our total registrations, not including Indians, amounted to:—

Births	9,010
Deaths	6,696
Marriages	2,829
Total	18,535

Following is a classified list of deaths occurring in British Columbia for the years 1913 to June 30th, 1919. This table does not include Indians, for which *see* Indian returns.

	1913.	1914.	1915.	1916.	1917.	1918 (6 Mos.).	July, 1918, to June, 1919.
1. General diseases	997	856	895	936	965	523	1,242
2. Diseases of nervous system and organs of special sense	404	358	336	389	380	220	449
3. Diseases of circulatory system	501	403	479	456	540	293	528
4. Diseases of respiratory system	458	345	340	494	439	278	2,944
5. Diseases of digestive system	300	329	260	224	268	109	189
6. Non-venereal diseases of the genito-urinary system and annexa	238	207	163	206	204	102	216
7. The puerperal state	53	65	50	50	59	17	40
8. Diseases of skin and cellular tissue	12	13	7	15	23	8	18
9. Disease of the bones and organs of locomotion	...	...	1	3	3	1	6
10. Malformations	9	42	51	55	51	24	42
11. Diseases of early infancy	765	579	526	438	405	186	447
12. Old age	68	66	70	80	54	37	76
13. Affections produced by external causes	717	642	583	473	455	225	414
14. Ill-defined, including executions	97	72	71	68	50	23	85
Totals	4,619	3,977	3,832	3,887	3,896	2,046	6,696

That one may be better able to make comparisons, the results of the above table have been segregated and each division charged with what it is responsible for in the immediate past year. It should be remembered that No. 1—"General Diseases"—contains returns for "tuberculosis," "cancer," and "influenza." The three items specially noted are responsible for 982 deaths, or 14.66 per cent. of all deaths.

Again, to be specific, in order to show the full force of the epidemic with which we have been visited, if we add "influenza" and "pneumonia following influenza," not including Indians, we have a total of 2,733 out of 6,696, or 40.81 per cent. If from 6,696 we deduct 2,733 we have a remainder of 3,963, or, as nearly as possible, our normal death-roll.

ALLOTMENT OF ALL CAUSES OF DEATH TO EACH MINING DIVISION.

Mining Division.	General Diseases.	Nervous System.	Circulatory System.	Respiratory System.	Digestive System.	Non-venereal, Genito-urinary System.	Puerperal State.	Skin and Cellular Tissue.	Bones and Organs of Locomotion.	Malformations.	Early Infancy.	Still-born.	Old Age.	External Causes.	Ill-defined.	Total.
Ashcroft	2	....	1	7	....	1	....	....	....	....	1	....	1	....	1	14
Barkerville	1	....	2	....	....	....	....	....	....	....	....	....	....	....	1	4
Fort George	6	2	2	47	1	2	2	....	....	....	....	3	....	1	....	66
Tete Jaune Cache	1	....	....	4	....	....	....	....	....	....	....	....	....	6	....	11
Clinton	....	....	....	9	....	....	1	....	....	....	1	....	....	....	1	12
Lillooet	2	....	2	7	....	....	....	....	....	....	....	....	1	....	1	13
Quesnel	1	....	....	4	....	1	....	....	....	....	....	....	....	....	....	6
150-Mile House	1	....	....	3	....	....	....	....	....	....	2	....	2	1	....	9
Yale	....	1	....	4	....	....	....	....	....	....	1	....	....	1	1	8
Totals	14	3	7	85	1	4	3	....	....	....	5	3	4	9	5	143
Fairview	12	4	2	22	4	....	1	....	....	1	2	....	....	3	....	51
Greenwood	9	1	....	23	....	1	....	....	....	....	1	....	....	4	3	42
Grand Forks	15	1	2	21	1	2	....	....	....	....	4	....	2	2	2	52
Kamloops	71	19	12	79	7	8	1	2	....	....	8	....	2	6	4	219
Nicola	2	....	3	7	1	....	....	....	....	....	2	....	....	4	....	19
Princeton	5	2	3	26	1	....	....	....	....	....	1	1	....	3	1	43
Vernon	33	14	15	38	10	8	1	1	....	4	9	3	....	7	1	144
Totals	147	41	37	216	24	19	3	3	....	5	27	4	4	29	11	570
Beaton	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Cranbrook	11	5	4	84	2	1	1	....	....	....	6	1	....	8	3	126
Fernie	20	4	8	82	6	1	2	1	....	....	3	3	1	7	2	140
Golden	4	2	2	6	1	....	....	....	....	....	1	....	....	2	2	20
Kaslo	1	1	1	3	1	....	....	....	....	....	....	....	....	4	....	11
Carried forward	36	12	15	175	10	2	3	1	....	....	10	4	1	21	7	297

ALLOTMENT OF ALL CAUSES OF DEATH TO EACH MINING DIVISION—*Concluded.*

Mining Division.	General Diseases.	Nervous System.	Circulatory System.	Respiratory System.	Digestive System.	Non-venereal, Genito-urinary System.	Puerperal State.	Skin and Cellular Tissue.	Bones and Organs of Locomotion.	Malformations.	Early Infancy.	Still-born.	Old Age.	External Causes.	Ill-defined.	Total.
Brought forward	36	12	15	175	10	2	3	1	.....	....	10	4	1	21	7	297
Nakusp	.....	....	1	2	....	.....	....	....	.....	....	....	....	....	....	....	3
Nelson	39	3	9	68	1	3	....	....	.....	2	5	3	1	7	....	141
New Denver	1	....	7	21	1	2	1	....	.....	1	....	....	1	4	....	39
Revelstoke	14	2	2	35	2	1	....	....	.....	1	2	1	....	8	1	69
Rossland	6	5	2	50	5	.....	1	....	.....	....	4	....	....	1	1	75
Slocan City	.....	1	....	1	....	.....	....	....	.....	....	....	....	....	....	....	2
Trail	8	2	1	73	4	1	....	....	.....	....	2	2	1	4	....	98
Trout Lake	.....	....	....	.....	....	.....	....	....	.....	....	....	....	....	....	....	.....
Wilmer	....	1	....	2	....	.....	....	....	.....	....	....	....	....	1	....	4
Totals	104	26	37	427	23	9	5	1	....	4	23	10	4	46	9	728
Victoria City	149	47	60	209	33	30	4	3	3	8	16	29	20	31	10	652
Cowichan	9	5	5	18	4	1	....	....	.....	....	3	....	5	5	6	61
Esquimalt	10	2	3	14	....	.....	....	....	.....	1	1	4	1	5	....	41
Ganges	.....	1	....	.....	....	.....	....	....	.....	....	....	....	....	....	....	1
Oak Bay	2	3	3	3	3	2	....	....	.....	....	1	1	1	....	....	19
Saanich	14	5	7	20	1	4	....	....	.....	...	....	2	2	9	....	64
Totals	184	63	78	264	41	37	4	3	3	9	21	36	29	50	16	838
Nanaimo City	30	8	22	97	6	9	....	2	.....	1	8	1	3	35	2	224
Alert Bay	4	1	....	6	....	1	....	....	.....	....	1	1	2	6	1	23
Comox	23	7	9	42	3	.....	2	1	.....	....	5	1	2	35	6	136
Ladysmith	7	2	4	23	....	1	....	....	.....	....	4	....	....	6	....	47
Totals	64	18	35	168	9	11	2	3	.....	1	18	3	7	82	9	430
Vancouver City	474	134	197	1,014	59	88	15	6	2	16	102	77	10	86	14	2,294
South Vancouver	37	16	24	119	3	7	....	..	.....	1	10	9	1	2	1	230
Point Grey	19	11	13	39	1	7	....	....	1	1	....	2	3	6	....	103
North Vancouver	19	8	4	43	2	7	....	....	.....	1	7	10	2	3	....	106
North Vancouver District	7	3	2	6	....	1	1	....	.....	....	2	....	....	....	....	22
West Vancouver	1	1	2	1	....	.....	....	....	.....	....	1	....	1	1	....	8
Unorganized	6	2	....	35	2	1	1	....	.....	....	4	1	....	13	....	65
Richmond	6	2	5	18	....	.....	....	....	.....	....	2	3	2	8	....	46
Totals	569	177	247	1,275	67	111	17	6	3	19	128	102	19	119	15	2,874
New Westminster City	71	61	28	141	9	8	3	....	.....	2	8	16	2	10	8	367
Burnaby	11	2	8	31	2	2	....	....	.....	....	3	3	....	2	....	64
Chilliwack	9	4	7	22	2	3	1	....	.....	....	....	5	2	4	....	59
Outside	32	41	27	119	3	6	1	2	.....	1	9	3	4	23	4	275
Totals	123	108	70	313	16	19	5	2	.....	3	20	27	8	39	12	765
Alberni	5	1	1	10	2	1	1	....	.....	....	....	....	....	5	....	26
Atlin	1	....	....	.....	....	.....	....	....	.....	....	....	....	....	1	1	3
Anyox	1	1	1	49	....	2	....	....	.....	....	1	1	....	9	....	65
Bella Coola	2	1	....	11	....	.....	....	....	.....	....	3	....	....	4	1	22
Clayoquot	....	....	....	.....	....	.....	....	....	.....	....	....	....	....	....	....	.....
Fort Fraser	4	2	1	10	....	.....	....	....	.....	....	....	1	....	1	2	21
Hazelton	10	2	3	9	3	1	....	....	.....	1	3	1	....	6	1	40
Fort St. John	.....	....	....	.....	..	.....	....	....	.....	....	....	....	....	1	....	1
Hudson Hope	....	....	....	.....	....	.....	....	....	.....	....	....	....	....	....	....	.....
Pouce Coupe	1	....	....	7	....	.....	....	....	.....	....	....	....	....	1	....	9
Porter's Landing	....	....	....	.....	....	.....	....	....	.....	....	....	....	....	....	....	.....
Prince Rupert	13	5	9	83	2	2	....	....	.....	....	9	....	1	6	2	132
Quatsino	.....	1	....	.....	1	.....	....	....	.....	....	....	....	....	1	1	4
Queen Charlotte	.....	....	2	13	....	.....	....	....	.....	....	1	....	....	5	....	21
Stewart	.....	....	....	3	....	.....	....	....	.....	....	....	....	....	....	....	3
Telegraph Creek	.....	....	....	1	....	.....	....	....	.....	....	....	....	....	....	....	1
Totals	37	13	17	196	8	6	1	....	.....	1	17	3	1	40	8	348
Grand totals (less Indians)	1,242	449	528	2,944	189	216	40	18	6	42	259	188	76	414	85	6,696
Indians	701	10	11	149	5	5	6	2	.....	....	17	....	34	18	88	1,046
Totals all races	1,943	459	539	3,093	194	221	46	20	6	42	276	188	110	432	173	7,742

The following table of diseases (not including Indians) has been compiled from returns of the whole Province for years 1900 to June, 1919, inclusive. It is considered worthy of attention.

This table, like the preceding one, has been segregated, and each division shows its liability to or immunity from the diseases contained in the list for the immediate past year.

Disease.	1900.	1901.	1902.	1903.	1904.	1905.	1906.	1907.	1908.	1909.	1910.	1911.	1912.	1913.	1914.	1915.	1916.	1917.	1918 (6 mos.)	July, 1918, to June, 1919.	Total.
Typhoid fever	79	35	32	24	42	34	39	63	72	55	102	92	99	85	42	32	23	24	5	13	992
Smallpox	...	...	...	...	2	...	1	...	1	...	1	...	...	...	...	...	...	3	....	2	10
Measles	1	...	6	1	1	1	2	10	6	1	7	11	13	11	1	14	12	6	17	4	125
Scarlet fever	2	7	7	17	8	4	6	4	5	16	14	31	12	18	3	....	1	7	2	1	165
Whooping-cough	6	...	6	12	3	4	4	26	9	18	15	23	16	27	23	9	37	21	14	19	291
Diphtheria	7	11	31	21	16	10	15	21	29	14	23	68	36	35	11	11	18	19	7	16	419
Influenza	7	3	6	11	6	7	2	26	5	10	5	10	10	11	11	18	36	17	9	285	495
Tuberculosis (all forms)	98	105	111	126	129	167	178	243	180	137	172	316	368	422	403	425	367	413	236	431	5027
Cancer (all forms)	25	28	48	34	43	34	36	68	49	79	113	148	180	159	205	221	259	248	144	288	2409
Bronchitis	22	26	22	19	24	16	20	47	44	36	42	60	63	51	47	47	49	36	23	38	732
Pneumonia	98	102	155	115	104	100	110	217	152	153	164	237	258	195	183	157	228	224	131	308	3391
Bronchopneumonia	..	...	...	...	...	...	...	...	33	46	51	85	124	66	64	62	140	92	48	96	907
Pneumonia following influenza	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2449	2449
Diarrhœa and enteritis	35	29	30	22	48	48	45	53	33	59	74	53	130	113	108	72	35	53	17	52	1109
Totals	380	346	454	402	426	425	458	778	618	624	783	1134	1308	1193	1101	1068	1205	1163	653	4002	18521

ALLOTMENT OF SPECIFIED DISEASES TO EACH MINING DIVISION.

Mining Division.	Typhoid fever.	Smallpox.	Measles.	Scarlet fever.	Whooping-cough.	Diphtheria.	Influenza.	Tuberculosis (all forms).	Cancer (all forms).	Bronchitis.	Broncho-pneumonia.	Pneumonia.	Pneumonia following Influenza.	Diarrhœa and Enteritis.	Total.
Ashcroft	....	....	....	....	....	....	....	....	1	1	....	1	5	....	8
Barkerville	....	....	....	....	....	....	....	1	....	....	....	....	.....	....	1
Fort George	....	....	....	....	6	....	....	....	....	....	....	1	46	....	53
Tete Jaune Cache	....	....	....	....	....	....	1	....	....	....	....	....	4	....	5
Clinton	....	....	....	....	....	....	....	....	....	....	....	....	9	....	9
Lillooet	....	....	....	....	....	....	....	1	....	....	....	....	7	....	8
Quesnel	....	....	....	....	....	....	....	1	....	....	....	....	3	....	4
150-Mile House	....	....	....	....	....	....	....	1	....	....	....	....	3	....	4
Yale	....	....	....	....	....	....	....	....	....	....	....	....	4	....	4
Totals	....	..	....	....	6	....	1	4	1	1	....	2	81	....	96
Fairview	....	....	....	....	....	....	2	4	3	....	....	1	19	....	29
Greenwood	....	....	....	....	....	1	5	....	2	....	....	....	23	....	31
Grand Forks	1	....	....	....	....	....	9	3	1	....	2	1	18	....	35
Kamloops	1	....	....	....	..	....	3	44	17	....	1	14	59	3	142
Nicola	....	....	....	....	....	....	....	2	....	....	....	....	7	....	9
Princeton	....	....	....	....	1	....	3	....	....	....	....	1	24	....	29
Vernon	....	....	....	....	....	....	6	13	6	....	3	4	30	4	66
Totals	2	....	....	....	1	1	28	66	29	....	6	21	180	7	341
Beaton	....	....	....	....	....	....	....	....	....	....	....	....	.....	....	.....
Cranbrook	....	....	....	....	....	....	....	5	3	....	2	5	77	....	92
Fernie	....	....	....	....	....	....	10	6	3	3	2	4	73	4	105
Golden	....	....	....	....	....	....	4	....	....	....	....	....	6	....	10
Kaslo	....	....	....	....	....	....	....	1	....	....	....	....	3	....	4
Nakusp	....	....	....	....	....	....	....	....	....	....	....	....	2	....	2
Nelson	1	....	....	....	....	1	6	16	7	1	3	2	60	1	98
New Denver	....	....	....	....	....	....	....	....	1	....	....	2	19	....	22
Revelstoke	....	....	1	....	....	....	6	1	2	....	....	5	30	1	46
Rossland	1	....	....	....	....	....	1	3	....	....	1	8	41	2	57
Slocan City	....	....	....	....	....	....	....	....	....	....	....	1	.....	....	1
Trail	1	....	....	....	....	2	1	1	3	....	....	2	71	...	81
Trout Lake	....	....	....	....	....	....	....	....	....	....	....	....	.....	....	.....
Wilmer	....	....	....	....	....	....	....	....	..	1	....	1	.....	....	2
Totals	3	....	1	....	....	3	28	33	19	5	8	30	382	8	520
Victoria	1	....	....	....	3	....	28	47	58	4	6	52	143	3	345
Cowichan	....	....	....	1	....	....	1	4	2	3	....	3	12	1	27
Esquimalt	....	2	....	....	....	....	3	2	3	....	....	1	12	....	23
Oak Bay	....	....	....	....	....	....	....	....	2	....	....	1	2	2	7
Saanich	....	....	....	....	....	1	3	2	7	1	2	4	13	....	33
Totals	1	2	....	1	3	1	35	55	72	8	8	61	182	6	435

ALLOTMENT OF SPECIFIED DISEASES TO EACH MINING DIVISION.—*Concluded.*

Mining Division.	Typhoid fever.	Smallpox.	Measles.	Scarlet fever.	Whooping-cough.	Diphtheria.	Influenza.	Tuberculosis (all forms).	Cancer (all forms).	Bronchitis.	Broncho-Pneumonia.	Pneumonia.	Pneumonia following Influenza.	Diarrhœa and Enteritis.	Total.
Nanaimo	....	....	...	....	....	3	5	13	7	1	6	8	80	3	126
Alert Bay	....	....	...	....	....	....	3	1	....	....	....	5	1	....	10
Comox	1	....	....	....	....	....	15	2	3	1	4	1	35	1	63
Ladysmith	....	....	....	....	....	....	3	3	....	....	3	....	20	....	29
Totals	1	....	....	....	....	3	26	19	10	2	13	14	136	4	228
Vancouver	5	....	....	...	6	5	119	157	99	11	40	106	828	18	1,394
South Vancouver	....	....	1	....	....	1	9	10	10	2	3	10	101	2	149
Point Grey	....	....	....	....	....	....	4	2	10	1	3	4	28	....	52
North Vancouver City	....	....	1	....	1	1	3	10	3	....	....	7	35	....	61
North Vancouver District	....	....	....	....	....	....	2	3	1	....	....	1	5	....	12
West Vancouver	....	....	....	....	....	....	....	....	1	....	....	....	1	....	2
Vancouver (outside)	....	....	....	....	....	....	2	2	....	....	....	2	32	2	40
Richmond	....	....	....	....	....	....	2	1	3	1	1	3	13	....	24
Totals	5	....	2	....	7	7	141	185	127	15	47	133	1,043	22	1,734
New Westminster	....	....	1	....	1	1	8	31	14	1	1	24	112	4	198
Burnaby	....	....	....	....	....	....	2	5	3	2	1	5	23	....	41
Chilliwack	....	....	....	....	....	....	1	3	3	....	2	4	16	....	29
New Westminster (outside)	1	....	....	....	....	....	1	20	5	1	5	8	104	....	145
Totals	1	....	1	....	1	1	12	59	25	4	9	41	255	4	413
Alberni	....	....	....	....	....	....	3	2	....	....	....	...	10	1	16
Atlin	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Anyox	....	....	....	....	....	....	....	1	....	....	....	....	49	....	50
Bella Coola	....	....	....	....	....	....	1	1	....	1	....	....	19	....	22
Clayoquot	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Fort Fraser	....	....	....	....	....	...	1	1	1	....	1	....	9	....	13
Hazelton	....	....	....	....	1	....	5	....	3	....	....	3	6	....	18
Fort St. John	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Hudson Hope	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Pouce Coupe	....	....	....	....	....	....	....	1	....	...	....	....	7	....	8
Porter's Landing	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Prince Rupert	....	....	....	....	....	....	4	4	1	2	4	3	73	....	91
Quatsino	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....
Queen Charlotte	....	....	....	....	....	....	....	....	....	....	....	....	13	....	13
Stewart	....	....	....	....	....	....	....	....	....	....	....	....	3	....	3
Telegraph Creek	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1
Totals	....	....	....	....	1	....	14	10	5	3	5	6	190	1	235
Grand totals	13	2	4	1	19	16	285	431	288	38	96	308	2,449	52	4,002

Referring to cancer, the returns show that deaths from this disease are steadily on the increase. For the year 1917 there were 248 deaths; first six months of 1918, 144; and for the year ending June 30th, 1919, 288, or 4.31 per cent. of all deaths, exclusive of still-births, and a rate of 0.65 per thousand. It is worthy of note that we have never received a return of death by cancer for an Indian.

The deaths and numbers occurred in the following places:—

Place.	No. of Deaths.	Total.	Place.	No. of Deaths.	Total.
Victoria City	58		*Brought forward*		126
Cowichan	2		Fort Fraser	1	
Esquimalt	3		Hazelton	3	
Oak Bay	2		Prince Rupert	1	
Saanich	7				5
		72	Ashcroft	1	
New Westminster City	14				1
Burnaby	3		Fairview	3	
Chilliwack	3		Greenwood	2	
New Westminster (outside)	5		Grand Forks	1	
		25	Kamloops	17	
Nanaimo	7		Vernon	6	
Comox	3				29
		10	Vancouver City	99	
Cranbrook	3		South Vancouver	10	
Fernie	3		Point Grey	10	
Nelson	7		North Vancouver City	3	
New Denver	1		North Vancouver District	1	
Revelstoke	2		West Vancouver	1	
Trail	3		Richmond	3	
		19			127
Carried forward		126	Total		288

Tuberculosis.—Under this heading the same course is pursued as in cancer; that is, the report as a whole, and then recapitulated. Number of deaths in 1917, 413; for first six months of 1918, 236; for 1918-19, 431; which does not include 132 occurring among the Indians. The percentage of all deaths, exclusive of still-births, is 6.62 per cent., and the rate per thousand of population is 0.97.

The following deaths resulted from tuberculosis in the respective places:—

Place.	Number.	Place.	Number.
Barkerville	1	*Brought forward*	172
Lillooet	1		
Quesnel	1	Comox	2
150-Mile House	1	Ladysmith	3
Fairview	4	New Westminster City	31
Grand Forks	3	Burnaby	5
Kamloops	44	Chilliwack	3
Nicola	2	New Westminster (outside)	20
Vernon	13	Vancouver City	157
Cranbrook	5	South Vancouver	10
Fernie	6	Point Grey	2
Kaslo	1	North Vancouver City	10
Nelson	16	North Vancouver District	3
Revelstoke	1	Vancouver (outside)	2
Rossland	3	Richmond	1
Trail	1	Alberni	2
Victoria City	47	Anyox	1
Cowichan	4	Bella Coola	1
Esquimalt	2	Fort Fraser	1
Saanich	2	Pouce Coupe	1
Nanaimo	13	Prince Rupert	4
Alert Bay	1		
Carried forward	172	Total	431

It is felt that the subject of tuberculosis cannot be dismissed here without introducing the corresponding table *re* Indians and introducing not only a comparison, but a criticism. To demonstrate, the Agencies will be recited, the total deaths in the band, the deaths from

tuberculosis, and the percentage of death from tuberculosis of all deaths in the band, as follows:—

Band.	Total Deaths.	Deaths from Tuberculosis.	Per Cent. of All Deaths.
Babine	61	7	11.47
Bella Coola	71	8	11.26
Cowichan	82	20	24.39
Kamloops	227	5	2.20
Kootenay	43	8	18.60
Kwawkewlth	23	8	34.78
Lytton	165	17	10.30
Nass	59	15	25.42
New Westminster	17	4	23.53
Okanagan	61	12	19.67
Queen Charlotte	31	5	16.12
Stikine	11	2	18 18
Stuart Lake	123	13	10.56
West Coast	71	8	11.26
Williams Lake*	1	..	....
Totals	1,046	132	12.61

*Williams Lake is not yet in working-order.

The above table shows that of the Indians, notwithstanding the heavy loss resulting from the epidemic, the deaths from tuberculosis amount to a trifle over one-eighth of all deaths. Now if, in order to show the true condition, we subtract the number of Indians who died from influenza and pneumonia following influenza (670) from the total death returns of Indians (1,046), we have a remainder of 340, which gives a death-rate of 13.74 per thousand of population of Indians, a rate which is very nearly normal; but if 340 is normal and 132 died of tuberculosis, we are confronted with the astounding fact that 38.52 per cent. of all deaths among Indians must be attributed to tuberculosis.

The Indians, numbering 24,744, are wards of the Federal Government—the Province cannot interfere with the management of them. The population of British Columbia, not counting Indians, is 440,187. We have established sanatoria and are putting forth every effort to relieve and protect our citizens.

All authorities agree that tuberculosis is communicable, preventable, and curable; if that position is correct, and there can be no doubt about it, the Federal Government should establish similar institutions for its wards or admit that they are permitting 24,000 of its wards to stand as a menace to the health and prosperity of a population of 440,000.

Finally, the 563 deaths from tuberculosis we will assign as follows:—

Race.	Population.	Deaths.	Per Cent. of Deaths from Tuberculosis.	Rate per 1,000 Population.
Whites	390,490	338	60.00	0.86
Indians	24,744	132	23.44	5.33
Chinese	27,413	60	10.65	2.18
Japanese	20,970	24	4.26	1.14
East Indians	1,314	9	1.60	6.85
Totals	464,931	563	99.95	....

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The following information is presented as a comparative statement *re* ages of decedents for the years 1916-17, first six months of 1918, and the year July, 1918, to June, 1919, inclusive:—

Ages.	1916.	1917.	1918 (6 mos.).	July, 1918, to June, 1919.	Per Cent. of Deaths of 1918-19.
Under 1 year	601	587	260	590	9.06
1 to 2 years	121	82	45	126	1.93
2 to 5 years	108	107	58	191	2.93
5 to 10 years	70	76	44	135	2.07
10 to 20 years	104	154	93	364	5.59
20 to 30 years	298	329	161	1,160	17.82
30 to 40 years	451	473	244	1,505	23.12
40 to 50 years	486	451	248	777	11.93
50 to 60 years	450	456	259	548	8.42
60 to 70 years	413	461	244	486	7.46
70 to 80 years	348	341	181	364	5.59
80 to 90 years	175	158	97	155	2.38
90 years and upwards	22	18	11	24	0.36
Age not given	37	28	9	83	1.27
Age and sex not given	2	...	...	...	...
Totals	3,686	3,721	1,954	6,508	99.93

In the above figures the still-born are not included with deaths under one year. There were 201 still-births reported in 1916, 175 in 1917, 92 for the first six months of 1918, and 188 for the year July, 1918, to June, 1919.

The cash receipts for the year show:—

Vital statistics	$3,081 40
Marriage licences	135 00
Total for year	$3,216 40

There were 3,517 searches made, resulting in 3,352 certificates being issued, leaving 165 involving search only.

Letters inward, from July 1st, 1918, to June 30th, 1919, numbered 6,113, as against same period in 1917-18, 5,453, and for 1917, 4,590. The 6,113 "letters in" for the immediate past year does not include notices from physicians, notices received from issuers of marriage licences, nor the certificates, issued free of charge, for military purposes.

The opportunity is taken to thank all officers connected with this branch of the Health Department for their courtesy and promptness; really, it seems to have become a fixed habit with each and every one of them.

All tabulated statements follow.

I have the honour to be,

Sir,

Yours obediently,

MUNROE MILLER,
Deputy Registrar of Births, Deaths, and Marriages.

BIRTHS, JULY, 1918, TO JUNE, 1919 (INCLUSIVE).

Mining Division.	Registrations for Year.			Total Registrations.		Births for Year.			Total Births.	
	Male.	Female.	Sex not given.	July, 1918, to June, 1919	1918.*	Male.	Female.	Sex not given.	July, 1818, to June, 1919	1918.*
Ainsworth—										
Kaslo	17	10	..	27	13	9	7	..	16	8
Arrow Lake—										
Nakusp	10	6	..	16	15	7	4	..	11	9
Atlin—										
Atlin	2	1	..	3	1	..	1	..	1	1
Ashcroft—										
Ashcroft	14	12	..	26	24	11	4	..	15	10
Alberni—										
Alberni	21	15	..	36	20	12	9	..	21	10
Bella Coola—										
Bella Coola	27	16	..	43	14	25	17	..	42	8
Cariboo—										
Barkerville	1	1	..	2	1	..	1	..	1	..
Fort George	35	32	..	67	28	32	27	..	59	19
Tete Jaune Cache	2	9	..	11	5	2	9	..	11	4
Clayoquot—										
Clayoquot	2	1	..	3	..	1	1	..	2	..
Clinton—										
Clinton	6	5	..	11	2	5	2	..	7	1
Fort Steele—										
Cranbrook	72	37	..	109	83	55	29	..	84	49
Fernie	90	78	..	168	87	70	61	..	131	64
Greenwood—										
Greenwood	37	31	..	68	44	21	18	..	39	26
Grand Forks—										
Grand Forks	44	23	..	67	44	29	18	..	47	27
Golden—										
Golden	18	15	..	33	19	12	12	..	24	13
Kamloops—										
Kamloops	153	137	..	290	148	112	102	..	214	94
Liard—										
Porter's Landing	..	..	..	..	..	..	..	..	..	..
Lardeau—										
Beaton	1	..	..	1	1	..	..	..	..	..
Lillooet—										
Lillooet	7	1	..	8	3	6	1	..	7	1
Nicola—										
Nicola	33	29	..	62	42	25	22	..	47	24
Nelson—										
Nelson	121	95	..	216	112	72	63	..	135	59
New Westminster—										
New Westminster City	212	209	..	421	275	161	150	..	311	127
Burnaby	50	62	..	112	64	40	49	..	89	47
Chilliwack	84	78	..	162	43	61	63	..	124	20
Outside	215	184	..	399	247	138	140	..	278	113
Nanaimo—										
Nanaimo City	173	139	..	312	197	131	109	..	240	95
Alert Bay	9	17	..	26	5	8	16	..	24	5
Comox	87	86	..	173	84	62	73	..	135	55
Ladysmith	43	29	..	72	25	37	22	..	59	14
Osoyoos—										
Fairview	33	34	..	67	26	23	30	..	53	21
Omineca—										
Hazelton	16	21	..	37	19	11	16	..	27	15
Port Fraser	12	4	..	16	9	11	4	..	15	5
Portland Canal—										
Stewart	..	..	..	..	..	..	..	..	..	..
Peace River—										
Fort St. John	2	1	..	3	2	2	1	..	3	1
Hudson Hope	..	..	..	..	..	..	..	..	..	..
Pouce Coupe	4	6	..	10	3	3	5	..	8	2
Quesnel—										
Quesnel	5	11	..	16	4	2	8	..	10	3
150-Mile House	10	4	..	14	4	4	4	..	8	2
Quatsino—										
Quatsino	10	10	..	20	2	7	6	..	13	2
Queen Charlotte—										
Queen Charlotte City	3	3	..	6	11	1	3	..	4	9
Revelstoke—										
Revelstoke	48	45	..	93	76	25	40	..	65	44
Similkameen—										
Princeton	18	11	..	29	14	13	8	..	21	10
Slocan—										
New Denver	16	11	..	27	16	9	9	..	18	9
Slocan City—										
Slocan City	2	2	..	4	..	..	2	..	2	..
Stikine—										
Telegraph Creek	3	..	..	3	1	3	..	..	3	1
Carried forward	1,768	1,521	..	3,289	1,833	1,258	1,166	..	2,424	1,027

*January to June only.

BIRTHS, JULY, 1918, TO JUNE, 1919 (INCLUSIVE)—*Concluded.*

Mining Division.	Registrations for Year.			Total Registrations.		Births for Year.			Total Births.	
	Male.	Female.	Sex not given.	July, 1918, to June, 1919	1918.*	Male.	Female.	Sex not given.	July, 1918, to June, 1919	1918.*
Brought forward	1,768	1,251	..	3,289	1,833	1,258	1,166	..	2,424	1,027
Skeena—										
Prince Rupert	75	65	..	140	75	63	57	..	120	40
Anyox	22	17	..	39	20	20	16	..	36	14
Trail Creek—										
Rossland	33	27	..	60	67	12	13	..	25	19
Trail	45	40	..	85	78	37	33	..	70	53
Trout Lake—										
Trout Lake	..	1	..	1	..	..	1	..	1	..
Vernon—										
Vernon	202	196	..	398	197	151	151	..	302	107
Vancouver—										
Vancouver City	1,428	1,296	..	2,724	1,493	1,097	1,045	1	2,143	997
North Vancouver City	83	78	..	161	82	74	68	..	142	63
North Vancouver District	16	16	..	32	17	14	14	..	28	10
South Vancouver	213	217	..	430	207	188	191	..	379	152
West Vancouver	6	8	..	14	5	5	8	..	13	3
Point Grey	56	61	..	117	64	39	52	..	91	43
Unorganized	23	33	..	56	31	16	25	..	41	22
Richmond	53	63	..	116	65	47	45	..	92	58
Victoria—										
Victoria City	569	450	..	1,019	492	438	372	..	810	272
Cowichan	39	35	..	74	54	32	26	..	58	31
Esquimalt	36	20	..	56	50	30	17	..	47	24
Ganges†	4	3	..	7	..	2	1	..	3	..
Oak Bay	11	8	..	19	22	9	7	..	16	11
Saanich	63	86	..	149	71	50	60	..	110	39
Windermere—										
Wilmer	7	4	..	11	8	6	4	..	10	6
Yale—										
Yale	8	5	..	13	9	4	4	..	8	6
Totals	4,760	4,250	..	9,010	4,940	3,592	3,376	1	6,969	2,997

*January to June only. †Two months of 1919 only.

Total registrations for year, 9,010; actual births for year, 6,969.

PRELIMINARY TABLES SHOWING DEATHS FOR DIVISIONS BY MONTHS.

(For comparative purposes corresponding months of different years are placed side by side.)

Registration Division or Group.	1917.							1918.						
	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Victoria Division.														
Victoria	28	41	45	27	37	52	230	43	38	31	81	104	55	352
Cowichan	2	5	1	3	2	2	15	4	3	5	5	8	5	30
Esquimalt	4	2	..	2	1	4	13	5	3	2	4	6	3	23
Oak Bay	..	..	1	1	1	3	6	3	3	1	1	2	2	12
Ganges	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Saanich	6	3	2	3	6	2	22	4	4	3	5	9	5	30
Totals	40	51	49	36	47	63	286	59	51	42	96	129	70	447
Nanaimo Division.														
Nanaimo City	9	9	6	5	4	7	40	8	5	2	15	74	23	127
Alert Bay	4	..	..	3	..	1	8	..	1	1	4	7	1	14
Comox	7	7	4	7	9	5	39	9	8	4	6	41	18	86
Ladysmith	2	2	2	3	1	3	13	3	4	2	3	15	7	34
Totals	22	18	12	18	14	16	100	20	18	9	28	137	49	261
Vancouver Division.														
Vancouver City	85	65	95	128	107	111	591	101	91	98	286	510	173	1,259
South Vancouver	7	5	6	4	5	11	38	12	4	13	21	56	19	125
Point Grey	..	5	..	6	5	1	17	5	7	3	14	15	9	53
North Vancouver City	6	6	2	6	1	6	27	9	4	3	5	30	13	64
North Vancouver District	2	..	1	..	..	..	3	2	1	2	1	4	2	12
West Vancouver	..	1	..	..	..	1	2	1	..	..	2	..	..	3
Richmond	..	6	2	..	2	5	15	4	2	4	2	4	6	22
Vancouver (outside)	4	1	..	1	1	4	11	3	..	2	22	12	4	43
Totals	104	89	106	145	121	139	704	137	109	125	353	631	226	1,581
New Westminster Div.														
New Westminster City	15	19	15	22	17	29	117	13	10	16	39	76	51	205
Burnaby	1	4	1	3	2	2	13	2	3	1	7	14	7	34
Chilliwack	5	2	1	1	5	5	19	6	3	3	6	11	3	32
N. Westminster (outside)	13	11	15	17	13	15	84	16	17	7	47	57	26	170
Totals	34	36	32	43	37	51	233	37	33	27	99	158	87	441
Ashcroft Group.														
Ashcroft	2	..	2	..	4	1	9	..	1	2	2	2	1	8
Barkerville	..	1	..	..	..	1	2	..	..	..	..	..	1	1
Fort George	3	2	..	1	..	4	10	2	..	4	8	38	5	57
Tete Jaune Cache	2	3	1	2	1	..	9	..	..	..	..	5	..	5
Clinton	..	..	..	..	2	..	2	..	..	..	..	2	..	2
Lillooet	..	..	..	..	1	..	1	2	..	2	6	1	1	12
Quesnel	1	..	..	..	..	..	1	..	..	..	..	..	4	4
150-Mile House	..	..	..	..	..	1	1	..	2	1	..	3	..	6
Yale	..	1	2	2	1	..	6	..	..	..	1	1	4	6
Totals	8	7	5	5	9	7	41	4	3	9	17	52	16	101
Fairview Group.														
Fairview	1	3	1	5	..	1	11	6	3	2	..	17	6	34
Greenwood	4	..	3	3	1	2	13	..	3	3	1	20	3	30
Grand Forks	1	4	..	4	2	2	13	..	3	..	3	13	7	26
Kamloops	9	3	10	17	13	5	57	12	9	16	23	46	22	128
Nicola	..	3	2	2	..	..	7	3	3	4	..	..	..	10
Princeton	2	..	1	2	..	2	7	3	1	1	1	28	5	39
Vernon (includes Summerland)	11	4	5	11	8	4	43	10	5	7	9	19	35	85
Totals	28	17	22	44	24	16	151	34	27	33	37	143	78	352
Beaton Group.														
Beaton	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cranbrook	2	3	9	6	6	7	33	3	5	..	2	24	50	84
Fernie	6	11	12	11	10	15	65	8	2	2	6	24	55	37
Golden	1	..	..	..	..	..	1	1	1	1	1	8	3	15
Kaslo	..	..	1	1	2	1	5	1	1	..	..	..	3	5
Nakusp	..	1	1	..	..	2	4	..	..	..	1	2	..	3
Nelson	5	8	5	10	8	6	42	6	7	5	6	40	16	80
New Denver	2	2	..	1	..	1	6	3	..	..	1	7	1	12
Revelstoke	..	2	..	4	7	3	16	2	1	1	7	26	6	43
Rossland	1	3	..	3	1	5	13	..	3	4	21	31	2	61
Slocan City	..	..	..	..	1	1	2	..	..	1	..	..	..	1
Trail	3	2	4	6	4	..	19	..	1	1	3	7	61	73
Trout Lake	2	..	..	..	..	..	2	..	..	..	..	..	..	..
Wilmer	1	..	..	..	..	..	1	..	..	..	..	..	1	1
Totals	23	32	32	42	39	41	209	24	21	15	48	169	198	475

PRELIMINARY TABLES SHOWING DEATHS FOR DIVISIONS BY MONTHS—*Continued.*

Registration Division or Group.	1917.							1918.						
	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Alberni Group														
Alberni	1	1	1	2	..	1	6	1	3	1	5	12	1	23
Atlin	..	..	..	..	..	..	..	..	..	1	1	..	..	2
Anyox	..	..	..	..	1	..	1	3	1	2	44	5	2	57
Bella Coola	4	1	2	1	..	1	9	1	..	..	2	5	4	12
Clayoquot	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Fort Fraser	..	1	1	2	..	..	4	..	..	2	..	9	2	13
Hazelton	2	3	2	3	1	4	15	1	1	1	5	14	3	25
Fort St. John	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hudson Hope	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Pouce Coupe	1	..	..	..	..	..	1	..	..	..	..	6	..	6
Porter's Landing	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Prince Rupert	6	3	8	5	2	5	29	7	6	6	17	59	8	103
Quatsino	..	..	2	..	..	..	2	1	..	..	..	..	1	2
Queen Charlotte	..	..	..	1	..	2	3	1	..	..	1	13	6	21
Stewart	..	..	..	2	..	..	2	..	..	..	..	2	1	3
Telegraph Creek	2	..	..	..	..	..	2	..	..	..	1	..	..	1
Totals	16	9	16	16	4	13	74	15	11	13	76	125	28	268
Grand totals	275	259	274	349	295	346	1,798	330	273	273	754	1,544	752	3,926

Registration Division or Group.	1918.							1919.						
	Jan.	Feb.	Mar.	April.	May.	June.	Total.	Jan.	Feb.	Mar.	April.	May.	June.	Total.
Victoria Division.														
Victoria	37	44	58	72	38	36	285	84	54	52	44	36	30	300
Cowichan	4	5	6	..	7	4	26	7	4	5	7	4	4	31
Esquimalt	1	4	7	4	4	1	21	9	1	..	3	2	3	18
Oak Bay	1	..	..	2	2	1	6	1	3	2	1	..	..	7
Ganges	..	..	..	..	..	..	..	..	..	..	..	..	1	1
Saanich	4	2	2	3	5	4	20	10	6	7	4	5	2	34
Totals	47	55	73	81	56	46	358	111	68	66	59	47	40	391
Nanaimo Division.														
Nanaimo City	12	7	15	10	6	9	59	30	10	13	27	6	11	97
Alert Bay	..	1	1	1	2	1	6	..	1	3	1	4	..	9
Comox	8	4	15	12	2	5	46	11	7	13	12	4	3	50
Ladysmith	5	1	2	2	3	4	17	5	1	1	1	2	3	13
Totals	25	13	33	25	13	19	128	46	19	30	41	16	17	169
Vancouver Division.														
Vancouver City	98	104	106	154	131	88	681	356	185	170	124	105	95	1,035
South Vancouver	9	6	9	10	6	12	52	49	5	21	14	6	10	105
Point Grey	4	6	4	9	5	4	32	15	6	9	7	6	7	50
North Vancouver City	3	2	3	5	2	2	17	9	7	6	6	6	8	42
North Vancouver District	3	1	..	..	2	1	7	6	..	1	2	1	..	10
West Vancouver	..	..	1	..	..	..	1	..	..	3	1	..	1	5
Richmond	3	4	5	3	3	1	19	9	6	2	4	3	..	24
Vancouver (outside)	..	5	2	1	1	2	11	9	3	3	1	1	5	22
Totals	120	128	130	182	150	110	820	453	212	215	159	128	126	1,293
New Westminster Div.														
New Westminster City	23	20	24	23	23	20	133	54	24	27	24	19	14	162
Burnaby	5	4	3	6	1	2	21	11	4	6	2	2	5	30
Chilliwack	8	4	2	3	1	2	20	7	7	4	1	1	7	27
N. Westminster (outside)	13	13	14	15	13	15	83	27	23	14	17	13	11	105
Totals	49	41	43	47	38	39	257	99	58	51	44	35	37	324
Ashcroft Group.														
Ashcroft	2	..	..	1	2	..	5	1	..	2	3	..	..	6
Barkerville	..	..	..	..	..	..	..	2	..	..	..	1	..	3
Fort George	1	1	1	4	1	1	9	..	1	2	4	2	..	9
Tete Jaune Cache	..	1	1	1	..	1	4	..	1	2	..	3	..	6
Clinton	..	..	..	..	..	1	1	7	..	1	..	1	1	10
Lillooet	..	..	..	..	1	..	1	1	..	..	..	..	..	1
Quesnel	1	1	1	..	1	..	4	1	..	..	..	1	..	2
150-Mile House	..	2	1	1	..	..	4	..	..	..	1	1	1	3
Yale	..	..	..	..	..	..	..	1	..	..	..	..	1	2
Totals	4	5	4	7	5	3	28	13	2	7	8	9	3	42

PRELIMINARY TABLES SHOWING DEATHS FOR DIVISIONS BY MONTHS—*Concluded.*

Registration Division or Group.	1918.							1919.						
	Jan.	Feb.	Mar.	April.	May.	June.	Total.	Jan.	Feb.	Mar.	April.	May.	June.	Total.
Fairview Group.														
Fairview	2	3	3	1	3	1	13	1	3	8	2	3	..	17
Greenwood	1	2	3	..	..	3	9	2	1	2	..	3	4	12
Grand Forks	1	2	..	2	3	2	10	2	6	6	6	5	1	26
Kamloops	3	18	9	13	11	8	62	9	12	21	19	9	21	91
Nicola	2	..	5	2	3	..	12	6	2	..	..	1	..	9
Princeton	..	1	3	1	..	1	6	..	1	1	1	..	1	4
Vernon (includes Summerland)	8	6	11	15	10	3	53	5	10	8	15	15	6	59
Totals	17	32	34	34	30	18	165	25	35	46	43	36	33	218
Beaton Group.														
Beaton	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cranbrook	8	6	8	6	..	8	36	6	17	9	1	9	..	42
Fernie	6	9	5	8	8	10	46	11	15	4	5	5	3	43
Golden	1	..	..	3	1	2	7	3	..	..	..	..	2	5
Kaslo	1	2	1	1	1	..	6	1	..	..	2	1	2	6
Nakusp	1	1	..	..	1	..	3	..	..	..	..	..	..	..
Nelson	12	8	5	14	6	9	54	11	14	8	10	9	9	61
New Denver	1	..	2	1	1	..	5	14	3	3	3	4	..	27
Revelstoke	4	4	4	4	8	5	29	8	..	10	5	1	2	26
Rossland	2	..	3	2	..	4	11	4	3	2	1	2	2	14
Slocan City	..	..	..	1	..	..	1	1	..	..	..	..	..	1
Trail	2	1	5	2	1	2	13	5	8	3	2	5	2	25
Trout Lake	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Wilmer	1	1	..	..	..	..	2	1	1	..	1	..	..	3
Totals	39	32	33	42	27	40	213	65	61	39	30	36	22	253
Alberni Group.														
Alberni	4	1	1	..	1	..	7	1	..	..	..	1	1	3
Atlin	1	..	..	1	..	..	2	1	..	..	..	..	..	1
Anyox	..	2	4	2	2	1	11	2	2	..	..	2	2	8
Bella Coola	1	..	2	3	..	2	8	6	..	1	..	3	..	10
Clayoquot	..	..	..	..	1	..	1	..	..	..	..	..	..	..
Fort Fraser	..	..	1	..	..	1	2	3	1	1	..	..	3	8
Hazelton	3	..	..	1	1	1	6	5	2	1	4	3	..	15
Fort St. John	..	1	1	..	..	..	2	..	..	1	..	..	..	1
Hudson Hope	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Pouce Coupe	..	1	1	..	..	1	3	..	1	2	..	..	..	3
Porter's Landing	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Prince Rupert	5	6	2	4	5	2	24	6	4	7	6	2	4	29
Quatsino	2	..	..	..	..	..	2	2	..	..	..	..	..	2
Queen Charlotte	..	1	1	3	1	..	6	..	..	..	..	..	..	..
Stewart	..	..	..	..	1	..	1	..	..	..	..	..	..	..
Telegraph Creek	1	..	..	..	1	..	2	..	..	..	..	..	..	..
Totals	17	12	13	14	13	8	77	26	10	13	10	11	10	80
Grand totals	318	318	363	432	332	283	2,046	838	465	467	394	318	288	2,770

PRELIMINARY TABLES SHOWING BIRTHS FOR DIVISIONS.

Division or Group.	JULY TO DECEMBER, 1918.						JANUARY TO JUNE, 1919.						
	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April.	May.	June.	Total.
Ashcroft Group.													
Ashcroft	3	2	4	1	2	1	1	..	..	1	..	..	15
Barkerville	..	..	..	..	..	..	..	..	..	1	..	..	1
Fort George	3	5	5	8	4	7	1	3	10	4	7	2	59
Tete Jaune Cache	..	..	2	..	2	2	..	..	2	..	2	1	11
Clinton	..	1	1	1	1	..	..	..	1	1	1	..	7
Lillooet	2	2	1	..	..	1	..	..	..	1	..	..	7
Quesnel	1	..	1	2	3	..	..	1	1	..	1	..	10
150-Mile House	..	..	..	2	2	..	..	..	..	1	2	1	8
Yale	..	1	..	..	1	1	1	2	1	..	1	..	8
Totals	9	11	14	14	15	12	3	6	15	9	14	4	126
Fairview Group.													
Fairview	5	5	9	7	7	5	..	3	5	3	1	3	53
Greenwood	3	5	..	10	2	1	..	2	7	1	6	2	39
Grand Forks	7	3	2	3	3	9	1	2	2	4	5	6	47
Kamloops	17	28	26	29	10	27	1	5	21	9	18	23	214
Nicola	7	..	7	6	1	10	1	1	8	2	3	1	47
Princeton	1	6	1	2	2	2	1	3	1	1	1	..	21
Vernon	35	36	27	28	21	29	2	22	17	21	34	30	302
Totals	75	83	72	85	46	83	6	38	61	41	68	65	723
Beaton Group.													
Beaton	..	..	..	..	..	..	..	..	..	..	..	..	..
Cranbrook	10	6	8	12	12	7	1	3	6	5	6	8	84
Fernie	12	21	13	10	11	9	3	2	6	12	18	14	131
Golden	1	3	4	..	4	..	..	3	2	1	4	2	24
Kaslo	2	2	1	1	1	1	..	4	..	2	1	1	16
Nakusp	..	1	..	..	1	1	..	2	4	1	1	..	11
Nelson	11	8	11	17	10	19	2	7	14	16	11	9	135
New Denver	..	1	1	4	2	..	..	5	1	2	2	..	18
Revelstoke	8	6	13	8	5	8	1	5	5	..	..	6	65
Rossland	3	2	1	2	4	6	..	..	..	3	4	..	25
Slocan	..	1	1	..	..	..	..	..	..	..	..	..	2
Trail	5	8	7	7	10	7	1	4	4	1	4	12	70
Trout Lake	..	..	..	1	..	..	..	..	..	..	..	..	1
Wilmer	1	..	2	2	1	1	..	1	2	..	..	..	10
Totals	53	59	62	64	61	59	8	36	44	43	51	52	592
Victoria Division.													
Victoria City	85	77	42	70	72	75	19	43	63	83	87	94	810
Cowichan	4	4	4	5	5	7	1	3	3	9	5	8	58
Esquimalt	4	5	4	6	2	11	2	..	2	4	4	3	47
Ganges*	..	..	..	..	..	..	..	..	..	..	2	1	3
Oak Bay	4	1	3	1	2	1	..	..	2	..	1	1	16
Saanich	16	13	11	15	17	6	..	4	5	8	4	11	110
Totals	113	100	64	97	98	100	22	50	75	104	103	118	1,044
Nanaimo Division.													
Nanaimo City	17	31	18	20	17	21	5	19	22	26	27	17	240
Alert Bay	2	3	4	1	3	1	1	1	2	4	1	1	24
Comox	9	15	12	14	14	18	1	7	7	17	17	4	135
Ladysmith	3	7	8	7	9	1	2	1	5	8	2	6	59
Totals	31	56	42	42	43	41	9	28	36	55	47	28	458
New Westminster Division.													
New Westminster City	25	32	34	30	24	32	7	14	23	20	37	33	311
Burnaby	7	9	8	9	6	9	2	3	4	11	13	8	89
Chilliwack	16	8	10	8	17	9	..	8	5	9	10	24	124
Outside	23	26	31	23	21	27	9	12	19	29	34	24	278
Totals	71	75	83	70	68	77	18	37	51	69	94	89	802
Vancouver Division.													
Vancouver City	159	193	170	233	207	182	43	121	198	181	237	219	2,143
South Vancouver	33	35	26	39	34	26	4	30	35	23	53	41	379
Point Grey	8	5	6	9	11	8	1	8	12	10	9	4	91
North Vancouver City	12	14	10	13	18	11	..	11	15	17	8	13	142
North Vancouver District	2	1	4	3	..	2	..	3	3	5	4	1	28
West Vancouver	2	2	1	1	1	3	..	..	..	2	1	..	13
Richmond	11	12	4	5	9	9	10	9	8	5	5	5	92
Unorganized	3	4	2	2	4	5	1	6	6	3	3	2	41
Totals	230	266	223	305	284	246	59	188	277	246	320	285	2,929

*Two months only.

PRELIMINARY TABLES SHOWING BIRTHS FOR DIVISIONS—*Concluded.*

Division or Group.	July to December, 1918.						January to June, 1919.						
	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April.	May.	June.	Total.
Alberni Group.													
Alberni	2	2	3	1	4	1	..	2	4	..	2	..	21
Anyox	3	2	1	3	3	5	..	1	3	9	3	3	36
Atlin	..	..	..	..	..	..	..	..	..	..	..	1	1
Bella Coola	1	9	..	6	4	2	2	4	1	4	5	4	42
Clayoquot	..	1	..	..	..	1	..	..	..	..	..	..	2
Fort Fraser	3	..	..	..	1	3	..	2	1	..	..	5	15
Hazelton	2	3	..	3	..	5	1	2	2	6	1	2	27
Fort St. John	..	1	..	..	1	1	..	..	..	..	..	..	3
Hudson Hope	..	..	..	..	..	..	..	..	..	..	..	..	..
Pouce Coupe	..	..	..	..	1	2	1	1	1	1	1	..	8
Porter's Landing	..	..	..	..	..	..	..	..	..	..	..	..	..
Prince Rupert	10	10	12	9	8	13	4	6	14	14	8	12	120
Quatsino	..	4	..	..	2	..	..	..	..	2	3	2	13
Queen Charlotte	..	..	..	1	..	2	..	..	..	..	..	1	4
Stewart	..	..	..	..	..	..	..	..	..	..	..	..	..
Telegraph Creek	..	1	..	..	1	..	..	1	..	..	..	..	3
Totals	21	33	16	23	25	35	8	19	26	36	23	30	295
Grand totals	603	683	576	700	640	653	133	402	585	603	720	671	6,969

Actual births, July, 1918, to June, 1919 (inclusive), 6,969.

TABLE OF DEATHS, SHOWING DISTRICT AND AGE, FOR YEAR JULY, 1918, TO JUNE, 1919 (INCLUSIVE).

Mining Division.	Under 1 year, including still-born.	1 to 2 years.	2 to 5 years.	5 to 10 years.	10 to 20 years.	20 to 30 years.	30 to 40 years.	40 to 50 years.	50 to 60 years.	60 to 70 years.	70 to 80 years.	80 to 90 years.	90 and upwards.	Age not given.	Male.	Female.	Sex not given.	Total, July, 1918, to June, 1919.	Total, July, 1917, to June, 1918.	Increase.	Decrease.	Still-born.
Ainsworth—																						
Kaslo					1	1	2	2	2		2	1			7	4		11	11			
Arrow Lake—																						
Nakusp						1		1						1	3			3	7		4	
Atlin—																						
Atlin						2					1				3			3	2	1		
Ashcroft—																						
Ashcroft	1					1	2	3	1	3	1	2			12	2		14	14			
Alberni—																						
Alberni	1		1		3	5	12	4							22	4		26	13	13		
Bella Coola—																						
Bella Coola	3		1		2	1	4	1						10	18	4		22	17	5		
Cariboo—																						
Barkerville		1						1			1	1			3	1		4	2	2		
Fort George	9	2	4		7	19	11	5	1	3	2			3	37	29		66	19	47		3
Tete Jaune Cache	1					1	1	5	1					2	9	2		11	13		2	
Clayoquot—																						
Clayoquot																			1		1	
Clinton—																						
Clinton	1	1				5	2	2	1						9	3		12	3	9		
Fort Steele—																						
Cranbrook	13		2	3	9	22	45	20	3	6				3	101	25		126	69	57		1
Fernie	21	3	3	4	8	36	26	15	10	3	3	2		6	90	50		140	111	29		3
Greenwood—																						
Greenwood	2		2	1	4	8	14	5	4		2				31	11		42	22	20		
Grand Forks—																						
Grand Forks	6	3	3	1	1	6	15	5	5	4	1	2			34	18		52	23	29		
Golden—																						
Golden	2					3	6	2	4		1			2	14	6		20	8	12		
Kamloops—																						
Kamloops	19	1	2	3	10	44	50	15	29	19	16	7	3	1	150	69		219	109	110		
Liard—																						
Porter's Landing																						
Lardeau—																						
Beaton																						
Lillooet—																						
Lillooet	1					2	1	5		1	2		1		12	1		13	2	11		
Nicola—																						
Nicola	2			1		7	3	1	3	2					10	9		19	19			
Nelson—																						
Nelson	14	1	2	2	7	36	29	20	12	7	5	2		4	97	44		141	96	45		3
New Westminster—																						
New Westminster City	36	10	15	11	18	51	79	43	31	35	25	12	1		208	159		367	250	117		16
Burnaby	10	3	4		6	8	9	7	2	9	6				32	32		64	34	30		3
Chilliwack	8	1	1	1	6	8	4	6	5	10	5	3		1	26	33		59	39	20		5
Outside	24	5	6	10	12	56	56	26	22	24	21	12	1		217	58		275	167	108		3
Nanaimo—																						
Nanaimo City	18	4	5	6	18	37	46	26	19	18	7	13	1	6	137	87		224	99	125		1
Alert Bay	2		1		2	2	9	3	1	1		1	1		17	6		23	14	9		1
Comox	12	1	4	1	6	20	38	19	14	12	3	1	1	4	105	31		136	83	53		1
Ladysmith	7	1	2	1	11	7	6	7	4	1					30	17		47	30	17		
Osoyoos—																						
Fairview	4	3	1	1	2	9	14	5	1	5	4	1		1	36	15		51	24	27		
Omineca—																						
Hazelton	8	1	1	1	2	6	9	3	4	3	2				32	8		40	21	19		1
Fort Fraser	3				3	6	2	2	2	3					16	5		21	6	15		1
Portland Canal—																						
Stewart						1	1	1							3			3	3			
Peace River—																						
Fort St. John							1								1			1	2		1	
Hudson Hope																						
Pouce Coupe						3	1	1	1						6	3		9	4	5		
Quesnel—																						
Quesnel						3	1	1			1				3	3		6	5	1		
150-Mile House	1	2				4					1	1			4	5		9	5	4		
Quatsino—																						
Quatsino						1	1				1			1	3	1		4	4			
Queen Charlotte—																						
Queen Charlotte City	1				1		6	1		1				11	21			21	9	12		
Revelstoke—																						
Revelstoke	8	1	3	1	2	13	11	13	8	6	3				48	21		69	45	24		1
Similkameen—																						
Princeton	5	1	1	1	3	8	15	3	1	2	2	1			35	8		43	13	30		1
Slocan—																						
New Denver	1				1	6	14	6	6	2	2			1	33	6		39	11	28		
Slocan City—																						
Slocan City		1			1										1	1		2	3		1	
Stikine—																						
Telegraph Creek	1														1			1	4		3	
Skeena—																						
Prince Rupert	13	3	4	2	4	24	46	20	8	4	1	1	1	1	105	27		132	53	79		
Anyox	3	1			4	22	24	8	2	1					61	4		65	12	53		1

TABLE OF DEATHS, SHOWING DISTRICT AND AGE, FOR YEAR JULY, 1918, TO JUNE, 1919 (INCLUSIVE)—*Concluded.*

Mining Division.	Under 1 year, including still-born.	1 to 2 years.	2 to 5 years.	5 to 10 years.	10 to 20 years.	20 to 30 years.	30 to 40 years.	40 to 50 years.	50 to 60 years.	60 to 70 years.	70 to 80 years.	80 to 90 years.	90 and upwards.	Age not given.	Male.	Female.	Sex not given.	Total, July, 1918, to June, 1919.	Total, July, 1917, to June, 1918.	Increase.	Decrease.	Still-born.
Trail Creek—																						
Rossland	7	1	1	1	11	8	25	11	2	2	4	1	..	1	47	28	..	75	23	52	..	...
Trail	6	1	6	3	5	27	27	9	6	2	1	2	2	1	82	16	..	98	28	70	..	2
Trout Lake—																						
Trout Lake	...	...	...	...	...	...	...	...	...	...	...	...	..	..	...	...	..	...	...	...	..	...
Vernon—																						
Vernon (includes Summerland)	22	2	13	4	12	18	20	12	13	15	9	3	..	1	88	56	..	144	96	48	..	3
Vancouver—																						
Vancouver City	297	42	65	43	122	401	551	265	186	160	108	35	7	12	1410	884	..	2294	1272	1022	..	77
North Vancouver	22	6	6	3	7	10	18	13	8	8	4	1	..	..	60	46	..	106	44	62	..	10
North Vancouver District	2	2	1	1	2	2	6	1	1	2	2	...	..	..	14	8	..	22	10	12	..	...
South Vancouver	30	7	11	8	15	33	43	28	18	14	20	3	..	..	117	113	..	230	90	140	..	9
West Vancouver	2	...	...	...	...	1	...	...	...	1	4	...	..	..	5	3	..	8	3	5	..	...
Point Grey	8	2	1	2	...	13	21	10	17	16	9	4	..	..	62	41	..	103	49	54	..	2
Richmond	6	2	2	2	4	5	6	5	8	3	2	...	1	..	35	11	..	46	34	12	..	3
Unorganized	7	2	1	1	4	9	20	14	3	1	1	...	..	2	49	16	..	65	19	46	..	1
Victoria—																						
Victoria City	82	8	10	13	19	111	113	80	64	61	53	30	4	4	406	246	..	652	515	137	..	29
Cowichan	7	...	3	2	2	6	13	4	7	3	8	5	..	1	44	17	..	61	41	20	..	...
Esquimalt	7	1	...	...	2	12	8	2	3	2	3	1	..	..	30	11	..	41	34	7	..	4
Ganges *	...	...	...	...	...	...	...	...	..	1	...	...	..	..	...	1	..	1	....	1	..	...
Oak Bay	4	...	...	...	...	2	1	1	2	4	5	...	..	..	10	9	..	19	12	7	..	1
Saanich	6	...	2	1	4	5	14	5	3	6	10	6	..	2	39	25	..	64	42	22	..	2
Windermere—																						
Wilmer	1	...	...	...	...	1	2	...	...	...	...	...	..	..	2	2	..	4	3	1	..	...
Yale—																						
Yale	1	...	1	...	1	1	1	1	...	...	...	1	..	1	4	4	..	8	6	2	..	...
Totals	778	126	191	135	364	1160	1505	777	548	486	364	155	24	83	4347	2349	..	6696	3822	2886	12	188

* Two months of 1919 only.

NUMBER OF MARRIAGES, JULY, 1918, TO JUNE, 1919.

Division or Group.	Number.		Division or Group.	Number.	
Victoria Division.			*Brought forward*		2,338
Victoria City	405		*Fairview Group.*		
Cowichan	10		Fairview	25	
Esquimalt	16		Greenwood	3	
Ganges*	..		Grand Forks	19	
Oak Bay	13		Kamloops	57	
Saanich	19		Nicola	8	
		463	Princeton	2	
Nanaimo Division.			Vernon	71	
					185
Nanaimo	79		*Alberni Group.*		
Alert Bay	3				
Comox	26		Alberni	11	
Ladysmith	10		Anyox	10	
		118	Atlin	1	
Vancouver Division.			Bella Coola	10	
			Clayoquot	1	
Vancouver City	1,272		Fort Fraser	8	
South Vancouver	116		Hazelton	10	
Point Grey	43		Fort St. John	..	
North Vancouver City	42		Hudson Hope	..	
North Vancouver District	4		Pouce Coupe	7	
West Vancouver	3		Porter's Landing	..	
Richmond	8		Prince Rupert	48	
Vancouver (outside)	4		Quatsino	..	
		1,492	Queen Charlotte	7	
New Westminster Division.			Stewart	1	
			Telegraph Creek	..	
New Westminster City	128				114
Burnaby	23		*Beaton Group.*		
Chilliwack	24				
New Westminster (outside)	47		Beaton	..	
		222	Cranbrook	28	
Ashcroft Group.			Fernie	47	
			Golden	11	
Ashcroft	9		Kaslo	3	
Barkerville	..		Nakusp	2	
Fort George	22		Nelson	54	
Tete Jaune Cache	1		New Denver	4	
Clinton	2		Revelstoke	19	
Lillooet	5		Rossland	11	
Quesnel	4		Slocan City	..	
150-Mile House	..		Trail	12	
Yale	..		Trout Lake	..	
		43	Wilmer	1	
					192
Carried forward		2,338	Grand total		2,829

Two months of 1919 only

MARRIAGES, JULY, 1918, TO JUNE, 1919 (INCLUSIVE).

BRIDEGROOM AND BRIDE BORN IN THE SAME COUNTRY.

Country.	Total.	Country.	Total.
Austria	6	*Brought forward*	755
British Columbia	131		
British West Indies	1	Japan	14
Canada	235	Norway	3
China	14	Newfoundland	3
England	317	Poland	1
Finland	9	Russia	7
Galicia	2	Scotland	90
Germany	2	Sweden	9
Greece	1	Syria	1
Hungary	2	United States of America	264
Ireland	7	Wales	3
Italy	27	Not given	6
Iceland	1		
Carried forward	755	Total	1,156

MARRIAGES, JULY, 1918, TO JUNE, 1919 (INCLUSIVE)—*Continued.*

BRIDEGROOM AND BRIDE BORN IN DIFFERENT COUNTRIES.

PLACE OF BIRTH.		Total.
Groom.	Bride.	
Scotland	Australia	1
"	British Columbia	36
"	Canada	45
"	Chili	1
"	England	40
"	Finland	1
"	Holland	1
"	Ireland	9
"	Newfoundland	1
"	United States of America	15
"	Wales	1
Total		151
Wales	Austria	1
"	British Columbia	5
"	Canada	3
"	England	9
"	Ireland	1
"	Scotland	2
"	United States of America	1
Total		22
Ireland	Australia	1
"	British Columbia	10
"	Belgium	2
"	Canada	15
"	England	19
"	Falkland Isles	1
"	Holland	1
"	Scotland	10
"	United States of America	7
Total		66
United States of America	Australia	3
"	Bohemia	1
"	Belgium	2
"	British Columbia	78
"	Canada	102
"	Denmark	1
"	England	66
"	Finland	1
"	France	1
"	Germany	3
"	Holland	1
"	Ireland	7
"	Isle of Man	1
"	Norway	4
"	Russia	1
"	Scotland	21
"	Sweden	4
"	Sandwich Isles	1
"	South Africa	1
"	Wales	1
Total		300
British Columbia	Australia	1
"	Belgium	1
"	Canada	48
"	England	49
"	Germany	1
"	Ireland	1
"	Newfoundland	1
"	Norway	1
"	Russia	1
"	Scotland	13
"	Sweden	1
"	United States of America	34
"	Wales	4
Total		156

PLACE OF BIRTH.		Total.
Groom.	Bride.	
Canada	Australia	6
"	Austria	1
"	British Columbia	106
"	Belgium	1
"	England	110
"	France	3
"	Germany	2
"	Holland	1
"	Ireland	13
"	Norway	1
"	Newfoundland	2
"	Orkney Isles	1
"	Russia	3
"	Sandwich Isles	1
"	Scotland	43
"	Sweden	3
"	South Africa	1
"	United States of America	108
"	Wales	1
Total		407
England	Australia	9
"	Austria	1
"	Belgium	2
"	British Columbia	94
"	Canada	97
"	Channel Isles	2
"	Dutch Guiana	1
"	Germany	1
"	Iceland	1
"	India	1
"	Ireland	10
"	Isle of Man	1
"	New Zealand	1
"	Newfoundland	1
"	Scotland	64
"	South Africa	3
"	Switzerland	1
"	Sweden	1
"	United States of America	42
"	Wales	4
Total		337
Argentine	Canada	1
Australia	British Columbia	2
"	Canada	6
"	England	2
"	Japan	1
"	Scotland	1
Austria	British Columbia	1
"	England	4
"	Russia	2
"	United States of America	3
Belgium	England	2
"	France	2
"	United States of America	3
British West Indies	British Columbia	2
"	Canada	1
Chili	England	1
China	British Columbia	1
"	Scotland	1
Denmark	Canada	2
"	Germany	1
"	Sweden	3
"	United States of America	1
France	British Columbia	1
"	Canada	3
"	England	1
"	Italy	1
"	Scotland	1
"	United States of America	2
Finland	British Columbia	1
Galicia	United States of America	2
Carried forward		55

MARRIAGES, JULY, 1918, TO JUNE, 1919 (INCLUSIVE)—*Continued.*

BRIDEGROOM AND BRIDE BORN IN DIFFERENT COUNTRIES—*Concluded.*

PLACE OF BIRTH.		Total.
Groom.	Bride.	
Brought forward		55
Germany	British Columbia	1
"	England	3
"	Ireland	2
"	United States of America	3
Greece	British Columbia	1
"	Canada	2
"	England	3
"	Macedonia	1
"	United States of America	3
Holland	British Columbia	1
"	Ireland	2
"	Norway	1
Iceland	England	1
Isle of Man	Canada	1
"	England	1
"	Scotland	1
India	British Columbia	2
"	England	1
Italy	Austria	1
"	British Columbia	9
"	Bohemia	1
"	Canada	6
"	England	6
"	France	4
"	Newfoundland	1
"	Scotland	1
"	United States of America	1
Japan	British Columbia	2
"	Canada	2
"	Hawaii	1
"	United States of America	1
Mexico	England	1
"	United States of America	1
Macedonia	England	1
Newfoundland	Canada	3
"	England	8
"	Scotland	1
"	United States of America	3
New Zealand	British Columbia	1
"	Canada	3
"	England	1
Carried forward		144

PLACE OF BIRTH.		Total.
Groom.	Bride.	
Brought forward		144
Norway	British Columbia	8
"	Canada	2
"	Denmark	3
"	England	4
"	Scotland	3
"	Sweden	3
"	Shetland Isles	1
"	United States of America	7
"	Wales	1
Phillipines	Canada	1
Poland	United States of America	1
Russia	British Columbia	1
"	Canada	1
"	England	3
"	Finland	1
"	Poland	3
"	Scotland	1
Switzerland	British Columbia	2
"	England	1
Sweden	British Columbia	4
"	Belgium	1
"	Canada	3
"	Denmark	1
"	England	12
"	Germany	1
"	Norway	1
"	Scotland	2
"	United States of America	10
Servia	Germany	1
"	Italy	1
Shetland Isles	Scotland	1
South Africa	British Columbia	1
"	England	1
Uruguay	England	1
Not given	Canada	2
Total		234

Bride and groom born in same country	1,156
Bride and groom born in different countries	1,673
Number of marriages	2,829

BRIDEGROOM AND BRIDE OF THE SAME DENOMINATION.

Religion.	Total.
Adventist	7
Anglo-Catholic	2
Baptist	45
Brethren	5
Buddhist	6
Christian	10
Christian Science	12
Christadelphian	2
Church of England	466
Confucian	8
Congregational	7
Dunkard	1
Freethinker	1
Greek Catholic	5
Holiness Movement	1
Jewish	7
Carried forward	585

Religion.	Total.
Brought forward	585
Lutheran	63
Methodist	198
New Thought	4
Ordinary Eastern Catholic	1
Presbyterian	377
Protestant	36
Reformed Episcopal	1
Roman Catholic	177
Salvation Army	3
Shintoism	2
Spiritualist	1
Unitarian	1
None	7
Not given	10
Total	1,466

MARRIAGES, JULY, 1918, TO JUNE, 1919 (INCLUSIVE)—*Continued.*

BRIDEGROOM AND BRIDE OF DIFFERENT DENOMINATIONS.

Bridegroom.	Bride.	Total.	
Adventist	Baptist	1	
"	Church of England	3	
"	Presbyterian	4	
"	Roman Catholic	1	
			9
Anglo-Catholic	Presbyterian	1	
			1
Baptist	Christian Science	2	
"	Christadelphian	1	
"	Church of England	25	
"	Congregational	2	
"	Disciples	1	
"	Lutheran	1	
"	Methodist	28	
"	Presbyterian	28	
"	Protestant	3	
"	Roman Catholic	10	
			101
Brethern	Apostolic Faith	1	
"	Church of England	1	
"	Reformed Episcopal	1	
			3
Buddhist	Methodist	2	
			2
Cambellite	Presbyterian	1	
			1
Christadelphian	Methodist	1	
			1
Christian	Baptist	1	
"	Brethren	1	
"	Christian Adventist	1	
"	Church of England	8	
"	Methodist	3	
"	Protestant	2	
"	Presbyterian	3	
"	Roman Catholic	1	
			20
Christian Science	Methodist	1	
"	Not given	1	
"	Presbyterian	1	
"	Roman Catholic	2	
			5
Church of Ireland	Presbyterian	1	
			1
Church of England	Adventist	1	
"	Baptist	29	
"	Brethren	1	
"	Christian	2	
"	Christian Science	2	
"	Congregational	10	
"	Jewish	1	
"	Lutheran	6	
"	Methodist	79	
"	Nonconformist	1	
"	Presbyterian	136	
"	Protestant	6	
"	Protestant Episcopal	1	
"	Reformed Episcopal	1	
"	Roman Catholic	54	
"	Salvation Army	4	
"	Unitarian	1	
			335
Congregational	Baptist	2	
"	Buddhist	1	
"	Church of England	9	
"	Christian	1	
"	Christian Science	1	
"	Methodist	6	
"	Presbyterian	9	
"	Roman Catholic	3	
			32
Dunkards	Baptist	1	
			1
Disciples of Christ	Church of England	1	
"	Presbyterian	1	
			2
Evangelical	Salvation Army	1	
			1
Free Church	Baptist	1	
			1
Greek Church	Church of England	5	
"	Lutheran	2	
"	Methodist	3	
Carried forward		10	516

Bridegroom.	Bride.	Total.	
Brought forward		10	516
Greek Church—*Con.*	Orthodox	1	
"	Presbyterian	1	
"	Roman Catholic	2	
			14
Jewish	Church of England	1	
"	Methodist	3	
"	Roman Catholic	2	
			6
Lutheran	Adventist	1	
"	Baptist	9	
"	Church of England	17	
"	Christian	2	
"	Congregational	3	
"	Methodist	14	
"	Not given	2	
"	Presbyterian	11	
"	Roman Catholic	12	
"	Salvation Army	1	
			72
Methodist	Adventist	2	
"	Brethren	3	
"	Buddhist	2	
"	Baptist	23	
"	Christian	5	
"	Church of Christ	1	
"	Congregational	5	
"	Church of England	78	
"	Jewish	3	
"	Lutheran	5	
"	Mormon	1	
"	Presbyterian	63	
"	Protestant	3	
"	Reformed Evangelical	1	
"	Reformed Episcopal	1	
"	Quaker	1	
"	Roman Catholic	22	
"	Salvation Army	2	
"	Unitarian	1	
			222
Mennonite	Church of England	1	
"	Presbyterian	1	
			2
New Thought	Church of England	2	
			2
Nonconformist	Protestant	1	
			1
None	Christian	2	
"	Church of England	4	
"	Dutch Reformed	1	
"	Methodist	2	
"	Presbyterian	5	
"	Roman Catholic	4	
"	Theosophist	1	
			19
Not given	Baptist	1	
"	Church of England	1	
"	Methodist	3	
"	Presbyterian	1	
"	Roman Catholic	2	
			8
Presbyterian	Adventist	3	
"	Anglo-Catholic	1	
"	Baptist	34	
"	Brethren	1	
"	Christian	5	
"	Christian Science	3	
"	Christadelphian	2	
"	Church of England	147	
"	Congregational	6	
"	Dutch Reformed	1	
"	Greek Catholic	1	
"	Jewish	1	
"	Lutheran	7	
"	Methodist	76	
"	Mormon	1	
"	None	2	
"	Protestant	1	
"	Quaker	1	
"	Reorganized Church of Christ	1	
"	Roman Catholic	28	
Carried forward		322	862

MARRIAGES, JULY, 1918, TO JUNE, 1919 (INCLUSIVE)—*Concluded.*

BRIDEGROOM AND BRIDE OF DIFFERENT DENOMINATIONS—*Concluded.*

Bridegroom.	Bride.	Total.	
Brought forward.	.....	322	862
Presbyterian—*Con.*	Russian Church	1	
"	Salvation Army	2	
			325
Protestant	Baptist	3	
"	Christian	1	
"	Christian Science	3	
"	Church of England	6	
"	Congregational	1	
"	Lutheran	3	
"	Methodist	4	
"	Presbyterian	8	
"	Roman Catholic	4	
"	Salvation Army	1	
			34
Roman Catholic	Adventist	4	
"	Baptist	13	
"	Christian	3	
"	Christian Science	1	
"	Church of England	47	
"	Congregationalist	2	
"	Lutheran	3	
"	Methodist	19	
"	None	4	
Carried forward	.....	96	1,221

Bridegroom.	Bride.	Total.	
Brought forward.	.....	96	1,221
Roman Catholic—*Con.*	Presbyterian	27	
"	Protestant	6	
			129
Russian Orthodox	Church of England	1	
"	Roman Catholic	1	
			2
Reformed	Methodist	1	
			1
Reorganized Church of Christ	Baptist	1	
			1
Scotch Episcopal	Methodist	1	
			1
Salvation Army	Church of England	1	
"	Methodist	1	
			2
Theosophist	United Brethren	1	
			1
Undenominational	Presbyterian	1	
			1
Unitarian	Church of England	3	
"	Presbyterian	1	
			4
	Total		1,363
	Bridegroom and bride of same denomination		1,466
	Total marriages		2,829

The immediately following tables refer to Indians exclusively:—

Agency.	Registrations of Births, July, 1918, to June, 1919.			Total Registrations.		Births, July, 1918, to June, 1919.			Total Births.	
	Male.	Female.	Sex not given.	July, 1918, to June, 1919.	January to June, 1918.	Male.	Female.	Sex not given.	July, 1918, to June, 1919.	January to June, 1918.
Cowichan	23	23	..	46	..	5	8	..	13	..
West Coast	11	8	..	19	12	11	6	..	17	6
Babine	4	4	..	8	9	3	3	..	6	1
Bella Coola	5	4	..	9	12	1	..	..	1	7
Kamloops	37	48	..	85	34	8	12	..	20	2
Kootenay	5	9	..	14	22	3	7	..	10	..
Lytton	29	42	..	71	27	26	37	..	63	20
Nass	10	12	..	22	10	5	7	..	12	10
New Westminster	..	..	..	..	2	..	..	..	..	2
Okanagan	9	13	4	26	..	1	2	2	5	..
Queen Charlotte	10	12	..	22	16	9	11	..	20	14
Stikine	8	5	..	13	10	6	5	..	11	4
Stuart Lake	17	14	..	31	48	9	8	..	17	13
Williams Lake	10	4	..	14	..	10	4	..	14	..
Kwawkewlth	..	..	..	..	2	..	..	..	..	2
Totals	178	198	4	380	204	97	110	2	209	89

PRELIMINARY TABLES SHOWING INDIAN BIRTHS BY DIVISIONS.

Agency.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April.	May.	June.	Total.
Cowichan	..	..	..	..	..	..	18	..	21	..	1	6	46
West Coast	1	1	..	1	..	2	1	2	3	6	1	1	19
Babine	..	..	2	..	..	..	..	2	..	1	1	2	8
Bella Coola	1	..	..	..	..	..	4	4	..	..	..	..	9
Kamloops	..	..	..	..	..	..	..	60	7	..	..	18	85
Kootenay	1	2	..	1	1	..	1	2	3	1	2	..	14
Lytton	..	..	..	2	38	8	..	6	3	5	1	8	71
Nass	..	..	1	..	..	..	..	..	13	4	4	..	22
New Westminster	..	..	..	..	..	..	..	..	..	..	..	..	..
Okanagan	..	..	..	..	..	..	..	16	7	..	1	2	26
Queen Charlotte	3	2	..	..	..	5	2	3	2	1	2	2	22
Stikine	1	..	..	4	..	..	..	4	2	1	1	..	13
Stuart Lake	4	..	5	..	1	2	7	..	..	1	6	5	31
Williams Lake	..	..	..	..	..	..	..	..	..	..	..	14	14
Kwawkewlth	..	..	..	..	..	..	..	..	..	..	..	..	..
Totals	11	5	8	8	40	17	33	99	61	20	20	58	380

REGISTRATIONS OF DEATHS IN AGENCIES.

Agency.	Under 1 year.	1 to 2 years.	2 to 5 years.	5 to 10 years.	10 to 20 years.	20 to 30 years.	30 to 40 years.	40 to 50 years.	50 to 60 years.	60 to 70 years.	70 to 80 years.	80 to 90 years.	90 and upwards.	Age not given.	Male.	Female.	Total, July, 1918, to June, 1919.	Total, Jan. to June, 1918.	Total, Year 1917.
Cowichan—Duncan	7	9	12	5	11	10	6	5	....	1	4	9	....	3	41	41	82	....	55
West Coast—Alberni	6	6	5	4	13	9	6	1	1	4	6	5	1	4	35	36	71	31	35
Babine—Hazelton	1	....	1	3	4	18	7	8	4	6	6	1	2	....	29	32	61	6	12
Bella Coola—Bella Coola	13	5	10	6	12	7	7	3	....	5	1	1	....	1	32	39	71	21	20
Kamloops—Kamloops	33	13	8	9	19	56	30	14	6	16	7	9	....	7	111	116	227	8	29
Kootenay—Fort Steele	3	3	2	7	8	8	3	1	1	2	4	....	....	1	19	24	43	18	31
Lytton—Lytton	40	1	7	6	21	25	20	17	3	8	6	11	....	....	81	84	165	16	49
Nass—Prince Rupert	6	1	6	2	8	13	5	8	1	4	5	....	....	....	22	37	59	21	15
N. Westminster—N. Westminster	1	....	1	....	1	4	7	1	....	2	....	....	....	....	7	10	17	4	25
Okanagan—Vernon	4	....	2	3	12	14	5	2	3	4	4	2	5	1	28	33	61	....	....
Queen Charlotte—Masset	3	2	2	1	3	3	6	2	4	4	1	....	....	....	14	17	31	7	8
Stikine—Telegraph Creek	1	....	2	1	2	....	1	....	2	2	....	....	....	....	7	4	11	8	6
Stuart Lake—Fort Fraser	13	5	16	11	24	12	13	14	3	6	1	5	....	....	54	69	123	20	20
Williams Lake—Clinton	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....
Kwawkewlth—Alert Bay	1	1	1	3	2	8	1	2	1	1	....	1	1	....	11	12	23	11	5
Totals	133	46	75	61	140	187	117	78	29	65	45	44	9	17	492	554	1046	171	310

PRELIMINARY TABLES SHOWING DEATHS FOR DIVISIONS BY MONTHS.

(For comparative purposes, corresponding months of different years are shown side by side.)

Agency.	1917.							1918.						
	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Cowichan	3	8	3	6	5	3	28	2	3	3	8	13	11	40
West Coast	2	7	2	5	1	5	22	2	2	3	18	15	10	50
Babine	..	3	1	..	..	..	4	3	3	1	22	21	..	50
Bella Coola	..	4	2	4	..	..	10	3	..	..	..	2	26	31
Kamloops	5	2	5	..	..	..	12	..	..	..	..	..	..	..
Kootenay	..	3	2	3	..	6	14	3	..	..	..	19	2	24
Lytton	..	4	3	2	3	..	12	7	2	2	6	108	4	129
Nass	2	..	3	2	..	..	7	..	2	1	2	17	1	23
New Westminster	1	..	3	2	2	1	9	1	1	..	4	8	1	15
Okanagan	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Queen Charlotte	1	1	1	1	..	..	4	2	3	1	5	12	5	28
Stikine	1	1	..	3	1	..	6	..	..	..	4	2	..	6
Stuart Lake	2	2	..	1	..	2	7	2	1	1	2	10	17	33
Williams Lake	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Kwawkewlth	..	..	..	..	..	1	1	..	..	..	..	..	..	..
Totals	17	35	25	29	12	18	136	25	17	12	71	227	77	429

Agency.	1918.							1919.						
	Jan.	Feb.	Mar.	April.	May.	June.	Total.	Jan.	Feb.	Mar.	April.	May.	June.	Total.
Cowichan	..	..	..	..	..	..	..	12	3	8	7	8	4	42
West Coast	4	5	6	9	2	5	31	9	3	2	6	..	1	21
Babine	..	4	..	..	..	2	6	..	2	5	1	2	1	11
Bella Coola	10	1	2	..	7	1	21	..	34	1	4	1	..	40
Kamloops	..	..	8	..	..	..	8	..	207	13	..	3	4	227
Kootenay	3	4	1	5	3	2	18	10	3	1	2	1	2	19
Lytton	5	1	3	..	1	6	16	8	12	8	4	1	3	36
Nass	..	16	4	..	..	1	21	1	8	19	2	6	..	36
New Westminster	..	1	1	1	..	1	4	..	2	..	..	..	..	2
Okanagan	..	..	..	..	..	..	..	..	44	11	..	2	4	61
Queen Charlotte	1	..	2	2	..	2	7	..	..	1	1	1	..	3
Stikine	3	2	..	2	1	..	8	..	2	..	..	1	2	5
Stuart Lake	..	4	2	11	1	2	20	24	13	21	11	18	3	90
Williams Lake	..	..	..	..	..	..	..	..	..	..	..	..	1	1
Kwawkewlth	3	5	..	3	..	..	11	..	16	2	3	1	1	23
Totals	29	43	29	33	15	22	171	64	349	92	41	45	26	617

PRELIMINARY TABLE SHOWING TOTAL DEATHS AND PERCENTAGE IN BAND.

Indian Band.	General Diseases.	Nervous System.	Circulatory System.	Respiratory System.	Digestive System.	Non-venereal, Genito-urinary System.	Puerperal State.	Skin and Cellular Tissue.	Bones and Organs of Locomotion.	Malformation.	Early Infancy.	Still-born.	Old Age.	External Causes.	Ill-defined.	Total.	No. in Band.	Per Cent. of Loss.
Babine	22	1	2	1	....	.....	1	....	.....	....	1	....	1	2	30	61	1,926	3.16
Bella Coola	51	2	....	7	1	.....	....	....	.....	....	1	....	1	1	7	71	1,529	4.64
Cowichan	35	1	....	22	1	1	....	....	.....	....	7	....	11	1	3	82	1,713	4.20
Kamloops	212	....	....	4	....	.....	1	1	.....	....	....	....	1	4	4	227	2,296	9.88
Kootenay	24	...	2	13	....	.....	....	....	.....	....	....	....	1	2	1	43	576	7.46
Kwakewlth	19	1	....	1	....	1	....	....	.....	....	....	....	....	....	1	23	1,134	2.02
Lytton	133	3	2	8	....	.....	....	....	.....	....	2	....	7	2	8	165	2,238	7.37
Nass	31	1	4	13	2	1	1	....	.....	....	1	....	2	1	2	59	1.840	3.20
New Westminster	6	....	....	10	....	.....	1	....	.....	....	....	....	....	.....	...	17	2,422	0.75
Okanagan	30	....	....	17	....	.....	....	1	.....	....	...	....	4	3	6	61	872	7.00
Queen Charlotte	18	....	....	6	1	1	....	....	.....	....	2	....	1	1	1	31	600	5.16
Stikine	4	....	1	4	....	.....	....	....	.....	....	....	....	....	.....	2	11	675	1.63
Stuart Lake	72	....	....	36	....	.....	1	....	.....	....	3	....	1	....	10	123	1,421	8.72
West Coast	44	1	....	7	....	1	1	....	.....	....	....	....	4	1	12	71	1,773	4.00
Williams Lake	....	....	....	....	....	.....	....	....	.....	....	....	....	....	....	1	1	1,229	....
Totals	701	10	11	149	5	5	6	2	.....	....	17	....	34	18	88	1,046	22,244	4.70

NOTE.—To the above must be added 2,500, classed as "Nomads," of whom there is no record.

PRELIMINARY TABLES SHOWING DEATHS FROM SPECIFIED DISEASES.

Indian Band.	Typhoid Fever.	Smallpox.	Measles.	Scarlet Fever.	Whooping-cough.	Diphtheria.	Influenza.	Tuberculosis. (All forms).	Cancer (All forms).	Bronchitis.	Broncho-pneumonia.	Pneumonia.	Pneumonia following Influenza.	Diarrhœa and Enteritis.	Total.
Babine	....	...	....	....	1	....	14	7	....	....	....	....	1	....	23
Bella Coola	....	...	....	....	11	....	31	8	....	....	....	....	7	....	57
Cowichan	....	....	1	....	....	....	13	20	....	1	2	4	15	....	56
Kamloops	....	....	....	....	....	....	207	5	....	1	....	1	2	....	216
Kootenay	....	....	....	....	....	....	16	8	....	1	....	6	6	....	37
Kwawkewlth	....	...	....	....	....	....	10	8	....	....	....	1	.....	....	19
Lytton	....	...	....	....	....	...	109	17	....	....	1	2	5	....	134
Nass	....	....	....	....	....	....	14	15	....	1	....	....	12	2	44
New Westminster	....	....	....	....	....	....	1	4	....	....	....	7	3	....	15
Okanagan	....	....	....	....	....	....	17	12	....	....	....	1	16	....	46
Queen Charlotte	....	....	....	....	1	....	12	5	....	....	....	2	4	....	24
Stikine	....	....	....	....	....	....	1	2	....	....	....	4	.....	....	7
Stuart Lake	....	....	..	....	....	....	63	13	....	....	....	....	52	....	128
West Coast	....	....	....	....	1	....	34	8	....	....	....	2	5	....	50
Williams Lake	....	....	....	....	....	....	....	....	....	....	...	....	.....	....	.....
Totals	....	....	1	....	14	....	542	132	....	4	3	30	128	2	856

MARRIAGES, JULY, 1918, TO JUNE, 1919.

Denomination.	Number of Marriages.	Denomination.	Number of Marriages.
Episcopalian	22	Methodist and Episcopalian	1
Methodist	30	Roman Catholic and Methodist	5
Roman Catholic	89	Episcopalian and Roman Catholic	1
Salvationist	1	Methodist and Band of Workers	1
Total	142	Total	8

Total marriages, 150.

PRELIMINARY TABLES SHOWING INDIAN MARRIAGES BY DIVISIONS.

Agency.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April.	May.	June.	Total.
Cowichan	..	..	..	..	..	..	9	1	..	..	1	2	13
West Coast	..	..	..	1	..	..	1	1	..	..	..	..	3
Babine	..	5	..	..	..	..	1	..	..	..	..	..	6
Bella Coola	..	..	..	2	..	..	..	..	..	..	1	..	3
Kamloops	..	..	..	..	..	..	..	23	..	3	..	4	30
Kootenay	..	..	..	..	..	..	..	1	..	2	..	2	5
Lytton	1	..	1	2	1	..	..	..	1	10	..	3	19
Nass	..	..	5	1	..	..	7	2	..	..	8	..	23
New Westminster	3	..	..	..	..	..	..	..	..	2	2	1	8
Okanagan	..	..	..	..	..	..	..	14	..	..	2	..	16
Queen Charlotte	..	..	..	..	..	..	1	2	..	2	..	1	6
Stikine	..	..	..	..	..	..	..	..	..	..	..	..	..
Stuart Lake	1	..	..	..	..	2	..	..	..	3	..	3	9
Williams Lake	..	..	..	..	..	..	..	..	..	..	..	..	..
Kwawkewlth	..	..	..	..	..	..	..	1	1	..	7	..	9
Totals	5	5	6	6	1	2	19	45	2	22	21	16	150

CAUSES OF DEATH, JULY, 1918,

Classification No.	CAUSE OF DEATH. (After the Bertillon Classification Causes of Death, Second International Decennial Revision, Paris, 1909.)	Under 1 year.		1 to 2 years.		2 to 5 years.	
	VICTORIA DIVISION—VICTORIA CITY.	M.	F.	M.	F.	M.	F.
	I.—GENERAL DISEASES.						
1	Typhoid fever	....	....	....	....	....	....
8	Whooping-cough	....	1	....	....	1	....
10	Influenza	4	....	1	....	....	....
20	Purulent infection and septicæmia	....	....	....	....	....	....
28	Tuberculosis of the lungs	....	....	....	....	....	....
28A	Tubercular laryngitis	....	....	....	....	....	....
29	Acute miliary tuberculosis	....	....	....	....	....	....
30	Tubercular meningitis	....	....	1	....	....	....
31	Abdominal tuberculosis	....	....	....	....	....	....
33	White swellings	....	....	....	....	....	....
33A	Tuberculosis of joint	....	....	....	....	....	....
34	Tuberculosis of other organs	....	....	....	....	....	....
34A	Fibroid phthisis	....	....	....	....	....	....
34B	Tuberculosis of bowels	....	....	....	....	....	....
39A	Cancer of face	....	....	....	....	....	....
40	Cancer and other malignant tumours of the stomach, liver	....	....	....	....	....	....
41	Cancer and other malignant tumours of the peritoneum, intestines, rectum	....	....	....	....	....	....
42	Cancer and other malignant tumours of the female genital organs	....	....	....	....	....	....
43	Cancer and other malignant tumours of the breast	....	....	....	....	....	....
44A	Cancer of lung	....	....	....	....	....	....
44B	Cancer of prostate	....	....	....	....	....	....
45	Cancer and other malignant tumours of other organs, and of organs not specified	....	....	....	....	....	....
45A	Cancer of bladder	....	....	....	....	....	....
46	Other tumours (tumors of the female genital organs excepted)	....	....	....	....	1	....
47	Acute articular rheumatism and gout	....	....	....	....	....	....
50	Diabetes	....	....	....	....	....	....
51	Exophthalmic goitre	....	....	....	....	....	....
54A	Anæmia, pernicious	....	....	....	....	....	....
	II.—DISEASES OF NERVOUS SYSTEM AND ORGANS OF SPECIAL SENSE.						
61	Meningitis	....	....	....	....	2	....
63	Other diseases of the spinal cord	....	....	....	....	....	....
63A	Acute anterior poliomyelitis	1	....	....	....	....	....
64	Cerebral hæmorrhage, apoplexy	....	....	....	....	....	....
66	Paralysis without specified cause	....	....	....	....	....	....
69	Epilepsy	....	....	....	....	....	....
71	Convulsions of infants	3	2	....	....	....	....
74	Other diseases of the nervous system	....	....	....	....	....	....
	III.—DISEASES OF THE CIRCULATORY SYSTEM.						
77A	Myocarditis	....	....	....	....	....	....
78	Acute endocarditis	....	....	....	....	....	....
78B	Cardiac dropsy	....	....	....	....	....	....
79	Organic diseases of the heart	....	....	....	....	....	....
79A	Cardiac paralysis	....	....	....	....	....	....
79B	Valvular disease	....	....	....	....	....	....
79E	Mitral regurgitation	....	....	....	....	....	....
79G	Mitral stenosis	....	....	....	....	....	....
80	Angina pectoris	....	....	....	....	....	....
81	Diseases of the arteries	....	....	....	....	....	....
81B	Aneurism	....	....	....	....	....	....
81C	Arteriosclerosis	....	....	....	....	....	....
82	Embolism and thrombosis	....	....	....	....	....	....
84B	Hodgkin's disease	....	....	....	....	....	....
	IV.—DISEASES OF THE RESPIRATORY SYSTEM.						
88A	Capillary bronchitis following influenza	....	....	....	....	....	....
89	Acute bronchitis	....	....	....	....	....	....
90	Chronic bronchitis	....	....	....	....	....	....
91	Bronchopneumonia	....	....	3	....	....	1
92	Pneumonia	3	5	1	....	1	....
92A	Lobar	....	....	....	....	....	....
92B	Following operation	....	....	....	....	....	....
92C	Septic pneumonia	....	....	....	....	....	....
92D	Pneumonia following influenza	3	1	2	....	1	1
94	Pulmonary congestion, pulmonary apoplexy	....	....	....	....	....	....
97	Pulmonary emphysema	....	....	....	....	....	....
98	Other organs of the respiratory system (tuberculosis excepted)	....	....	....	....	....	....
98A	Œdema of lungs	....	....	....	....	....	....
	V.—DISEASES OF THE DIGESTIVE SYSTEM.						
102	Ulcer of the stomach	....	....	....	....	....	....
103	Other diseases of the stomach (cancer excepted)	1	2	....	....	....	....
103A	Gastritis	1	....	....	....	....	....

TO JUNE (INCLUSIVE), 1919.

5 to 10 years.		10 to 20 years.		20 to 30 years.		30 to 40 years.		40 to 50 years.		50 to 60 years.		60 to 70 years.		70 to 80 years.		80 to 90 years.		90 and upwards.		Age not given.		Total by Sexes.		Total Deaths.
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
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CAUSES OF DEATH, JULY, 1918, TO

Classification No.	CAUSE OF DEATH. (After the Bertillon Classification Causes of Death, Second International Decennial Revision, Paris, 1909.)	Under 1 year.		1 to 2 years.		2 to 5 years.	
	VICTORIA DIVISION—VICTORIA CITY—*Concluded.*	M.	F.	M.	F.	M.	F.
	V.—DISEASES OF THE DIGESTIVE SYSTEM—*Concluded.*						
104	Diarrhœa and enteritis (under 2 years)	....	1	....	....	....	....
105	Diarrhœa and enteritis (2 years and over)	....	....	....	....	1	....
108	Appendicitis and typhlitis	....	....	....	....	1	....
109	Hernia, intestinal obstruction	....	....	....	....	....	....
110	Other diseases of the intestines	....	1	....	....	....	....
111	Acute yellow atrophy of the liver	....	....	....	....	....	....
113	Cirrhosis of the liver	....	....	....	....	....	....
117	Simple peritonitis (non-puerperal)	....	....	....	....	....	....
117A	Peritonitis-appendicitis	....	....	....	....	....	....
118	Other diseases of the digestive system (cancer and tuberculosis excepted)	....	....	....	....	....	....
	VI.—NON-VENEREAL DISEASES OF GENITO-URINARY SYSTEM AND ANNEXA.						
119	Acute nephritis	....	....	....	....	....	....
120	Bright's disease	....	....	....	....	....	....
120A	Uræmia	....	....	....	....	....	....
122	Other diseases of the kidneys and annexa	....	....	....	....	....	....
123	Calculi of the urinary passages	....	....	....	....	....	....
124A	Suppression of urine	....	....	....	....	....	....
126	Diseases of the prostate	....	....	....	....	....	....
129	Uterine tumour (non-cancerous)	....	....	....	....	....	....
130	Diseases of the uterus	....	....	....	....	....	....
133A	Cholecystitis	....	....	....	....	....	....
	VII.—THE PUERPERAL STATE.						
135	Puerperal hæmorrhage	....	....	....	....	....	....
140	Following childbirth (not otherwise defined)	....	....	....	....	....	....
141A	Separation of placenta	....	....	....	....	....	....
	VIII.—DISEASES OF THE SKIN AND CELLULAR TISSUE.						
142	Gangrene	....	....	....	....	....	....
	IX.—DISEASES OF THE BONES AND ORGANS OF LOCOMOTION.						
146	Diseases of the bones (tuberculosis excepted)	....	....	....	....	....	....
147	Diseases of the joints (tuberculosis and rheumatism excepted)	....	....	....	....	....	....
	P.—MALFORMATIONS.						
150	Congenital malformation (still-births not included)	7	1	....	....	....	....
	XI.—DISEASES OF EARLY INFANCY.						
151	Congenital debility, icterus, and sclerema	2	2	....	....	....	....
151A	Accident of labour	1	....	....	....	....	....
151B	Non-assimilation of food	1	2	....	....	....	....
152A	Atelectasis	1	....	....	....	....	....
153A	Still-born	18	11	....	....	....	....
153B	Premature	5	2	....	....	....	....
	XII.—OLD AGE.						
154	Senility	....	....	....	....	....	....
	XIII.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
155	Suicide by poison	....	....	....	....	....	....
156	Suicide by asphyxia	....	....	....	....	....	....
158	Suicide by drowning	....	....	....	....	....	....
159	Suicide by firearms	....	....	....	....	....	....
164	Poisoning by food	....	....	....	....	....	....
169	Accidental drowning	....	....	....	....	....	....
169A	Traumatism in logging camp and sawmill	....	....	....	....	....	....
170	Traumatism by firearms	....	....	....	....	....	....
172	Traumatism by fall	....	....	....	....	....	....
174	Traumatism by machines	....	....	....	....	....	....
175	Traumatism by other crushing (railroad, landslides, vehicles, etc.)	....	....	....	....	....	....
182	Homicide by firearms	....	....	....	....	....	....
186	Other external violence	....	....	....	....	....	....
	XIV.—ILL-DEFINED DISEASES.						
187	Ill-defined organic disease	....	....	....	....	....	....
187A	Dropsy	....	....	....	....	....	....
189	Cause of death not specified or ill-defined	....	....	....	....	....	....
189B	Asphyxia, accidental	....	....	....	....	....	....
		51	31	8	...	8	2

JUNE (INCLUSIVE), 1919—*Continued.*

5 to 10 years.		10 to 20 years.		20 to 30 years.		30 to 40 years.		40 to 50 years.		50 to 60 years.		60 to 70 years.		70 to 80 years.		80 to 90 years.		90 and upwards.		Age not given.		Total by Sexes.		Total Deaths.
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
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CAUSES OF DEATH, JULY, 1918, TO

Classification No.	CAUSE OF DEATH. (After the Bertillon Classification Causes of Death, Second International Decennial Revision, Paris, 1909.)	Under 1 year.		1 to 2 years.		2 to 5 years.	
	VICTORIA DIVISION—COWICHAN.	M.	F.	M.	F.	M.	F.
	I.—GENERAL DISEASES.						
7	Scarlet fever	....	....	....	....	1	....
10	Influenza	....	..	....	....	....	....
28	Tuberculosis of the lungs	....	....	....	....	....	....
39F	Cancer of throat	....	....	....	..	....	....
44B	Cancer of prostate	....	....	....	....	....	....
48	Chronic rheumatism	....	....	....	....	....	....
	II.—DISEASES OF NERVOUS SYSTEM AND ORGANS OF SPECIAL SENSE.						
64	Cerebral hæmorrhage, apoplexy	....	....	....	....	....	....
66	Paralysis without specified cause	....	....	....	....	....	....
71	Convulsions of infants	1	....	....	....	....	....
	III.—DISEASES OF THE CIRCULATORY SYSTEM.						
77A	Myocarditis	....	....	....	....	....	....
79E	Mitral regurgitation	....	....	....	....	....	....
	IV.—DISEASES OF THE RESPIRATORY SYSTEM.						
88C	Capillary bronchitis	....	1	....	....	....	....
90	Chronic bronchitis	....	1	....	....	....	....
92A	Lobar pneumonia	....	....	....	....	....	....
92D	Pneumonia following influenza	....	....	....	....	....	1
	V.—DISEASES OF THE DIGESTIVE SYSTEM.						
102	Ulcer of the stomach	....	....	....	....	....	....
105	Diarrhœa and enteritis (2 years and over)	....	....	....	....	....	1
108	Appendicitis and typhlitis	....	..	....	....	....	....
117A	Peritonitis-appendicitis	....	....	....	....	....	....
	VI.—NON-VENEREAL DISEASES OF GENITO-URINARY SYSTEM AND ANNEXA.						
120A	Uræmia	....	....	....	....	....	....
	XI.—DISEASES OF EARLY INFANCY.						
153B	Premature	....	3	....	....	....	....
	XII.—OLD AGE.						
154	Senility	....	....	....	....	....	....
	XIII.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
155	Suicide by poison	....	....	....	....	....	....
169	Accidental drowning	1	....	....	....	....	....
170	Traumatism by fire-arms	..	....	....	....	....	....
175A	Traumatism not specified	....	....	....	....	....	....
186	Other external violence	....	....	....	....	....	....
	XIV.—ILL-DEFINED DISEASES.						
189	Cause of death not specified or ill-defined	....	....	....	....	....	....
		2	5	....	....	1	2
	VICTORIA DIVISION—ESQUIMALT.						
	I.—GENERAL DISEASES.						
5	Smallpox	....	....	....	....	....	....
10	Influenza	1	....	....	....	....	....
28	Tuberculosis of the lungs	....	....	....	....	....	....
40	Cancer and other malignant tumours of the stomach, liver	....	....	..	....	....	....
43	Cancer and other malignant tumours of the breast	....	....	....	....	....	....
44B	Cancer of prostate	....	....	....	....	....	....
	II.—DISEASES OF NERVOUS SYSTEM AND ORGANS OF SPECIAL SENSE.						
61	Meningitis	....	....	....	1	....	....
63	Other diseases of the spinal cord	....	....	....	....	....	....
	III.—DISEASES OF THE CIRCULATORY SYSTEM.						
77A	Myocarditis	....	....	....	....	....	....
79	Organic diseases of the heart	....	....	....	....	....	....

JUNE (INCLUSIVE), 1919—*Continued.*

5 to 10 years.		10 to 20 years.		20 to 30 years.		30 to 40 years.		40 to 50 years.		50 to 60 years.		60 to 70 years.		70 to 80 years.		80 to 90 years.		90 and upwards.		Age not given.		Total by Sexes.		Total Deaths.
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
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CAUSES OF DEATH, JULY, 1918, TO

Classification No.	CAUSE OF DEATH. (After the Bertillon Classification Causes of Death, Second International Decennial Revision, Paris, 1909.)	Under 1 year.		1 to 2 years.		2 to 5 years.	
	VICTORIA DIVISION—ESQUIMALT—*Concluded.*	M.	F.	M.	F.	M.	F.
	IV.—DISEASES OF THE RESPIRATORY SYSTEM.						
92	Pneumonia	....	....	....	....	....	....
92D	Pneumonia following influenza	....	....	....	....	....	....
93	Pleurisy	....	....	....	....	....	....
	X.—MALFORMATIONS.						
150	Congenital malformation (still-births not included)	....	1	....	....	....	....
	XI.—DISEASES OF EARLY INFANCY.						
153A	Still-born	4	....	....	....	....	....
153B	Premature	1	....	....	....	....	....
	XII.—OLD AGE.						
154	Senility	....	....	....	....	....	....
	XIII.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
157	Suicide by hanging or strangulation	....	....	....	....	....	....
159	Suicide by firearms	....	....	....	....	....	....
169	Accidental drowning	....	....	....	....	....	....
181	Electricity (lightning excepted)	....	....	....	....	....	....
		6	1	....	1	....	....
	VICTORIA DIVISION—GANGES.						
	II.—DISEASES OF NERVOUS SYSTEM AND ORGANS OF SPECIAL SENSE.						
64	Cerebral hæmorrhage, apoplexy	....	....	....	....	....	....
		....	....	....	....	....	....
	VICTORIA DIVISION—OAK BAY.						
	I.—GENERAL DISEASES.						
40	Cancer and other malignant tumours of the stomach, liver	....	....	....	....	....	....
42	Cancer and other malignant tumours of the female genital organs	....	....	....	....	....	....
	II.—DISEASES OF NERVOUS SYSTEM AND ORGANS OF SPECIAL SENSE.						
61	Meningitis	....	....	....	....	....	....
64	Cerebral hæmorrhage, apoplexy	....	....	....	....	....	....
	III.—DISEASES OF THE CIRCULATORY SYSTEM.						
79	Organic diseases of the heart	....	....	....	....	....	....
80	Angina pectoris	....	....	....	....	....	....
	IV.—DISEASES OF THE RESPIRATORY SYSTEM.						
92	Pneumonia	....	....	....	....	....	....
92D	Pneumonia following influenza	....	....	....	....	....	....
	V.—DISEASES OF THE DIGESTIVE SYSTEM.						
99	Diseases of the mouth and annexa	....	....	....	....	....	....
104	Diarrhœa and enteritis (under 2 years)	1	1	....	....	....	....
	VI.—NON-VENEREAL DISEASES OF GENITO-URINARY SYSTEM AND ANNEXA.						
119	Acute nephritis	....	....	....	....	....	....
120A	Uræmia	....	....	....	....	....	....
	XI.—DISEASES OF EARLY INFANCY.						
153A	Still-born	....	1	....	....	....	....
153B	Premature	1	....	....	....	....	....
	XII.—OLD AGE.						
154	Senility	....	....	....	....	....	....
		2	2	....	....	....	....

JUNE (INCLUSIVE), 1919—*Continued.*

5 to 10 years.		10 to 20 years.		20 to 30 years.		30 to 40 years.		40 to 50 years.		50 to 60 years.		60 to 70 years.		70 to 80 years.		80 to 90 years.		90 and upwards.		Age not given.		Total by Sexes.		Total Deaths.
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
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CAUSES OF DEATH, JULY, 1918, TO

Classification No.	CAUSE OF DEATH. (After the Bertillon Classification Causes of Death, Second International Decennial Revision, Paris, 1909.)	Under 1 year.		1 to 2 years.		2 to 5 years.	
	VICTORIA DIVISION—SAANICH.	M.	F.	M.	F.	M.	F.
	I.—GENERAL DISEASES.						
9	Diphtheria	....	....	....	....	....	....
10	Influenza	....	....	....	....	1	....
28	Tuberculosis of the lungs	....	....	....	....	....	....
40	Cancer and other malignant tumours of the stomach, liver	....	....	....	....	....	....
41	Cancer and other malignant tumours of the peritoneum, intestines, rectum	....	....	....	....	....	....
42	Cancer and other malignant tumours of the female genital organs	....	....	....	....	....	....
48	Chronic rheumatism	....	....	....	....	....	....
	II.—DISEASES OF NERVOUS SYSTEM AND ORGANS OF SPECIAL SENSE.						
64	Cerebral hæmorrhage, apoplexy	....	....	....	....	....	....
67	General paralysis of the insane	....	....	....	....	....	....
69	Epilepsy	....	....	....	....	....	....
71	Convulsions of infants	1	....	....	....	....	....
	III.—DISEASES OF THE CIRCULATORY SYSTEM.						
78B	Cardiac dropsy	....	....	....	....	....	....
79	Organic diseases of the heart	....	....	....	....	....	....
79B	Valvular disease	....	....	....	....	....	....
80	Angina pectoris	....	....	....	....	....	....
84B	Hodgkin's disease	....	....	....	....	....	....
	IV.—DISEASES OF THE RESPIRATORY SYSTEM.						
89	Acute bronchitis	....	1	....	....	....	....
91	Bronchopneumonia	1	1	....	....	....	....
92	Pneumonia	....	....	....	....	....	....
92D	Pneumonia following influenza	....	....	....	....	1	....
	V.—DISEASES OF THE DIGESTIVE SYSTEM.						
109	Hernia, intestinal obstruction	....	....	....	....	....	....
	VI.—NON-VENEREAL DISEASES OF GENITO-URINARY SYSTEM AND ANNEXA.						
119	Acute nephritis	....	....	....	....	....	....
120A	Uræmia	....	....	....	....	....	....
	XI.—DISEASES OF EARLY INFANCY.						
153A	Still-born	....	2	....	....	....	....
	XII.—OLD AGE.						
154	Senility	....	....	....	....	....	....
	XIII.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
157	Suicide by hanging or strangulation	....	....	....	....	....	....
159	Suicide by firearms	....	....	....	....	....	....
169	Accidental drowning	....	....	....	....	....	....
169A	Traumatism in logging camp and sawmill	....	....	....	....	....	....
178A	Exposure	....	....	....	....	....	....
		2	4	....	....	2	....
	NEW WESTMINSTER DIVISION—NEW WESTMINSTER CITY.						
	I.—GENERAL DISEASES.						
6	Measles	....	....	....	....	....	....
8	Whooping-cough	1	....	....	....	....	....
9	Diphtheria	....	....	....	....	1	....
9A	Croup	....	....	....	....	....	1
10	Influenza	....	....	1	....	....	....
14	Dysentry	....	....	....	....	....	....
20	Purulent infection and septicæmia	....	....	....	....	....	....
28	Tuberculosis of the lungs	....	....	....	....	....	....
30	Tubercular meningitis	....	....	1	....	2	1
32A	Tuberculosis of spine	....	....	....	....	....	....
37	Syphilis	....	....	....	....	....	....
39C	Cancer of œsophagus	....	....	....	....	....	....
40	Cancer and other malignant tumours of the stomach, liver	....	....	....	....	....	....
41	Cancer and other malignant tumours of the peritoneum, intestines, rectum	....	....	....	....	....	....
42	Cancer and other malignant tumours of the female genital organs	....	....	....	....	....	....
45	Cancer and other malignant tumours of other organs, and of organs not specified	....	....	....	....	....	....
46	Other tumours (tumours of the female genital organs excepted)	....	....	....	....	....	....

JUNE (INCLUSIVE), 1919—*Continued.*

5 to 10 years.		10 to 20 years.		20 to 30 years.		30 to 40 years.		40 to 50 years.		50 to 60 years.		60 to 70 years.		70 to 80 years.		80 to 90 years.		90 and upwards.		Age not given.		Total by Sexes.		Total Deaths.
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
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CAUSES OF DEATH, JULY, 1918, TO

Classification No.	CAUSE OF DEATH. (After the Bertillon Classification Causes of Death, Second International Decennial Revision, Paris, 1909.)	Under 1 year.		1 to 2 years.		2 to 5 years.	
	NEW WESTMINSTER DIVISION—NEW WESTMINSTER CITY—*Continued.*	M.	F.	M.	F.	M.	F.
	I.—GENERAL DISEASES—*Concluded.*						
48	Chronic rheumatism	....	....	....	....	....	....
51	Exophthalmic goitre	....	....	....	....	....	....
51A	Goitre not specified	....	....	....	....	....	....
54A	Anæmia, pernicious	....	....	....	....	....	....
	II.—DISEASES OF NERVOUS SYSTEM AND ORGANS OF SPECIAL SENSE.						
61	Meningitis	1	....	1	1	....	1
62	Locomotor ataxia	....	....	....	....	....	....
63A	Acute anterior poliomyelitis	....	....	....	....	....	....
64	Cerebral hæmorrhage, apoplexy	....	....	....	....	....	....
66	Paralysis without specified cause	....	....	....	....	....	....
67	General paralysis of the insane	....	....	....	....	....	....
68	Other forms of mental alienation	....	....	....	....	....	....
68A	Maniacal depressive insanity	....	....	....	....	....	....
69	Epilepsy	....	....	....	....	....	....
71	Convulsions of infants	1	....	1	....	....	....
73	Neuralgia and neuritis	....	....	....	....	....	....
74	Other diseases of the nervous system	....	....	....	....	....	....
	III.—DISEASES OF THE CIRCULATORY SYSTEM.						
77A	Myocarditis	....	....	....	....	....	1
78	Acute endocarditis	....	....	....	....	....	....
78A	Endocarditis following rheumatism	....	....	....	....	....	....
79	Organic diseases of the heart	....	....	....	....	....	....
81C	Arteriosclerosis	....	....	....	....	....	....
82	Embolism and thrombosis	....	....	....	....	....	....
	IV.—DISEASES OF THE RESPIRATORY SYSTEM.						
87	Diseases of the larynx	....	....	....	....	....	....
89	Acute bronchitis	....	1	....	....	....	....
91	Bronchopneumonia	....	....	....	....	....	....
92	Pneumonia	....	1	....	1	....	2
92A	Lobar	....	....	....	....	....	....
92B	Following operation	....	....	....	....	....	....
92D	Pneumonia following influenza	3	....	1	1	1	3
92E	Hypostatic pneumonia	....	....	....	....	....	....
93	Pleurisy	....	....	....	....	....	....
96	Asthma	....	....	....	....	....	....
	V.—DISEASES OF THE DIGESTIVE SYSTEM.						
103	Other diseases of the stomach (cancer excepted)	....	....	....	....	....	....
104	Diarrhœa and enteritis (under 2 years)	....	1	1	....	....	....
105	Diarrhœa and enteritis (2 years and over)	....	....	....	....	....	....
108	Appendicitis and typhlitis	....	....	....	....	....	1
109	Hernia, intestinal obstruction	....	....	....	....	....	....
117A	Peritonitis-appendicitis	....	....	....	....	....	....
118	Other diseases of the digestive system (cancer and tuberculosis excepted)	....	....	1	....	....	....
	VI.—NON-VENEREAL DISEASES OF GENITO-URINARY SYSTEM AND ANNEXA.						
119	Acute nephritis	....	....	....	....	....	....
120A	Uræmia	....	....	....	....	....	....
123	Calculi of the urinary passages	....	....	....	....	....	....
124A	Suppression of urine	1	....	....	....	....	....
126	Diseases of the prostate	....	....	....	....	....	....
	VII.—THE PUERPERAL STATE.						
137	Puerperal septicæmia	....	....	....	....	....	....
137B	Uræmia of pregnancy	....	....	....	....	....	....
138	Puerperal albuminuria and convulsions	....	....	....	....	....	....
	X.—MALFORMATIONS.						
150	Congenital malformation (still-births not included)	1	1	....	....	....	....
	XI.—DISEASES OF EARLY INFANCY.						
151	Congenital debility, icterus, and sclerema	1	....	....	....	....	....
152	Other diseases peculiar to early infancy	....	1	....	....	....	....
152A	Atelectasis	1	....	....	....	....	....
153A	Still-born	7	9	....	....	....	....
153B	Premature	2	2	....	....	....	....
153C	Injury by forceps at birth	1	....	....	....	....	....

JUNE (INCLUSIVE), 1919—*Continued.*

5 to 10 years.		10 to 20 years.		20 to 30 years.		30 to 40 years.		40 to 50 years.		50 to 60 years.		60 to 70 years.		70 to 80 years.		80 to 90 years.		90 and upwards.		Age not given.		Total by Sexes.		Total Deaths.
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
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CAUSES OF DEATH, JULY, 1918, TO

Classification No.	CAUSE OF DEATH. (After the Bertillon Classification Causes of Death, Second International Decennial Revision, Paris, 1909.)	Under 1 year.		1 to 2 years.		2 to 5 years.	
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154	Senility	....	....	....	....	....	....
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157	Suicide by hanging or strangulation	....	....	....	....	....	....
159	Suicide by firearms	....	....	....	....	....	....
163	Other suicides	....	....	....	....	....	....
167	Burns (conflagration excepted)	....	....	....	....	....	....
169	Accidental drowning	....	....	....	....	1	....
175	Traumatism by other crushing (railroad, landslides, vehicles, etc.	....	....	....	....	....	....
186	Other external violence	....	....	....	....	....	....
	XIV—ILL-DEFINED DISEASES.						
187A	Dropsy	....	....	....	....	....	....
		20	16	7	3	5	10
	NEW WESTMINSTER DIVISION—BURNABY.						
	I.—GENERAL DISEASES.						
10	Influenza	1	....	....	....	....	....
28	Tuberculosis of the lungs	....	....	....	....	....	....
30	Tubercular meningitis	....	....	....	....	1	....
40	Cancer and other malignant tumours of the stomach, liver	....	....	....	....	....	....
43	Cancer and other malignant tumours of the breast	....	....	....	....	....	....
44B	Cancer of prostate	....	....	....	....	....	....
50A	Diabetes mellitus	....	....	....	....	....	....
	II.—DISEASES OF NERVOUS SYSTEM AND ORGANS OF SPECIAL SENSE.						
66	Paralysis without specified cause	....	....	..	....	....	....
71	Convulsions of infants	1	....	....	....	....	....
	III.—DISEASES OF THE CIRCULATORY SYSTEM.						
77A	Myocarditis	....	....	....	....	....	....
78	Acute endocarditis	....	....	....	....	....	....
78A	Endocarditis following rheumatism	....	....	....	....	....	....
79B	Valvular disease	....	....	....	....	....	....
	IV.—DISEASES OF THE RESPIRATORY SYSTEM.						
89	Acute bronchitis	1	....	....	....	....	....
90	Chronic bronchitis	....	....	....	1	....	....
91	Bronchopneumonia	....	....	....	....	....	....
92	Pneumonia	....	1	....	....	....	....
92A	Lobar	....	....	....	....	....	1
92D	Pneumonia following influenza	....	....	....	....	....	1
92E	Hypostatic pneumonia	....	....	....	....	....	....
	V.—DISEASES OF THE DIGESTIVE SYSTEM.						
103B	Ileocolitis	....	....	1	....	....	....
117	Simple peritonitis (non-puerperal)	....	....	....	1	....	....
	VI.—NON-VENEREAL DISEASES OF GENITO-URINARY SYSTEM AND ANNEXA.						
120A	Uræmia	....	....	....	....	....	....
	XI.—DISEASES OF EARLY INFANCY.						
151	Congenital debility, icterus, and sclerema	....	1	....	....	....	....
152	Other diseases peculiar to early infancy	1	....	....	....	....	....
153A	Still-born	1	2	....	....	....	....
153B	Premature	....	1	....	....	....	....
	XIII.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
159	Suicide by firearms	....	....	....	....	....	....
167	Burns (conflagration excepted)	....	....	....	....	....	1
		5	5	1	2	1	3

JUNE (INCLUSIVE), 1919—*Continued.*

5 to 10 years.		10 to 20 years.		20 to 30 years.		30 to 40 years.		40 to 50 years.		50 to 60 years.		60 to 70 years.		70 to 80 years.		80 to 90 years.		90 and upwards.		Age not given.		Total by Sexes.		Total Deaths.
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
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CAUSES OF DEATH, JULY, 1918, TO

Classification No.	CAUSE OF DEATH. (After the Bertillon Classification Causes of Death, Second International Decennial Revision, Paris, 1909.)	Under 1 year.		1 to 2 years.		2 to 5 years.	
		M.	F.	M.	F.	M.	F.
	NEW WESTMINSTER DIVISION—CHILLIWACK.						
	I.—General Diseases.						
10	Influenza	....	....	....	....	....	....
20	Purulent infection and septicæmia	....	....	....	....	....	....
28	Tuberculosis of the lungs	....	....	....	....	....	....
40	Cancer and other malignant tumours of the stomach, liver	....	....	....	....	....	....
45	Cancer and other malignant tumours of other organs, and of organs not specified	....	....	....	....	....	....
46	Other tumours (tumours of the female genital organs excepted)	....	....	....	....	....	....
	II.—Diseases of Nervous System and Organs of Special Sense.						
64	Cerebral hæmorrhage, apoplexy	....	....	....	....	....	....
71	Convulsions	1	1	....	....	....	....
	III.—Diseases of the Circulatory System.						
79	Organic diseases of the heart	....	1	....	....	....	....
79B	Valvular disease	....	....	....	....	....	....
85	Hæmorrhage	....	....	....	....	....	....
	IV.—Diseases of the Respiratory System.						
91	Bronchopneumonia	....	....	....	....	....	....
92	Pneumonia	....	....	....	....	....	....
92A	Lobar	....	....	....	....	....	....
92D	Pneumonia following influenza	....	....	....	1	....	1
	V.—Diseases of the Digestive System.						
109	Hernia, intestinal obstruction	....	....	....	....	....	....
115	Other diseases of the liver	....	....	....	....	....	....
	Non-venereal Diseases of Genito-urinary System and Annexa.						
120	Bright's disease	....	....	....	....	....	....
120A	Uræmia	....	....	....	....	....	....
	VII.—The Puerperal State.						
135	Puerperal hæmorrhage	....	....	....	....	....	....
	XI.—Diseases of Early Infancy.						
153A	Still-born	2	3	....	....	....	....
	XII.—Old Age.						
154	Senility	....	....	....	....	....	....
	XIII.—Affections produced by External Causes.						
159	Suicide by firearms	....	....	....	....	....	....
169	Accidental drowning	....	....	....	....	....	....
181	Electricity (lightning excepted)	....	....	....	....	....	....
		5	3	....	1	....	1
	NEW WESTMINSTER DIVISION—OUTSIDE.						
	I.—General Diseases.						
1	Typhoid fever	....	....	....	....	....	....
10	Influenza	....	....	....	....	1	....
28	Tuberculosis of the lungs	....	....	....	....	....	....
34B	Tuberculosis of bowels	....	....	....	....	....	....
40	Cancer and other malignant tumours of the stomach, liver	....	....	....	....	....	....
44A	Cancer of lung	....	....	....	....	....	....
46	Other tumours (tumours of the female genital organs excepted)	....	....	....	....	....	....
50	Diabetes	....	....	....	....	....	....
54A	Anæmia, pernicious	1	....	....	....	....	....
	II.—Diseases of Nervous System and Organs of Special Sense.						
61	Meningitis	....	....	....	1	....	....
61A	Cerebrospinal meningitis	....	....	....	....	....	....
63A	Acute anterior poliomyelitis	....	....	....	....	....	....
64	Cerebral hæmorrhage, apoplexy	....	....	....	....	....	....
65	Softening of the brain	....	....	....	....	....	....

JUNE (INCLUSIVE), 1919—*Continued.*

5 to 10 years.		10 to 20 years.		20 to 30 years.		30 to 40 years.		40 to 50 years.		50 to 60 years.		60 to 70 years.		70 to 80 years.		80 to 90 years.		90 and upwards.		Age not given.		Total by Sexes.		Total Deaths.
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
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CAUSES OF DEATH, JULY, 1918, TO

Classification No.	CAUSE OF DEATH. (After the Bertillon Classification Causes of Death, Second International Decennial Revision, Paris, 1909.)	Under 1 year.		1 to 2 years.		2 to 5 years.	
	NEW WESTMINSTER DIVISION—OUTSIDE—*Continued.*	M.	F.	M.	F.	M.	F.
	II.—DISEASES OF NERVOUS SYSTEM AND ORGANS OF SPECIAL SENSE—*Concluded.*						
66	Paralysis without specified cause						
67	General paralysis of the insane						
68	Other forms of mental alienation						
69	Epilepsy						
71	Convulsions of infants	1	1				
	III.—DISEASES OF THE CIRCULATORY SYSTEM.						
77	Pericarditis						
77A	Myocarditis						
78	Acute endocarditis						
78A	Endocarditis following rheumatism						
78B	Cardiac dropsy						
79	Organic diseases of the heart			1			
86	Angina pectoris						
81B	Aneurism						
81C	Arteriosclerosis						
85	Hæmorrhage						
	IV.—DISEASES OF THE RESPIRATORY SYSTEM.						
89	Acute bronchitis	1					
91	Bronchopneumonia	2		1			
92	Pneumonia	1	2				
92A	Lobar						
92D	Pneumonia following influenza	1	1		1		1
98A	Œdema of lungs					1	
	V.—DISEASES OF THE DIGESTIVE SYSTEM.						
102	Ulcer of the stomach						
103B	Ileocolitis			1			
113	Cirrhosis of the liver						
	VI.—NON-VENEREAL DISEASES OF GENITO-URINARY SYSTEM AND ANNEXA.						
119	Acute nephritis						
120	Bright's disease						
120A	Uræmia						
122	Other diseases of the kidneys and annexa						
	VII.—THE PUERPERAL STATE.						
137	Puerperal septicæmia						
	VIII.—DISEASES OF THE SKIN AND OF THE CELLULAR TISSUE.						
142	Gangrene						
	X.—MALFORMATIONS.						
150	Congenital malformation (still-births not included)	1					
	XI.—DISEASES OF EARLY INFANCY.						
151	Congenital debility, icterus, and sclerema	1					
151B	Non-assimilation of food	1					
151C	Hydrocephalus		1				
152	Other diseases peculiar to early infancy	1					
153A	Still-born	3					
153B	Premature	4	1				
	OLD AGE.						
154	Senility						
	XIII.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
157	Suicide by hanging or strangulation						
158	Suicide by drowning						
159	Suicide by firearms						
160	Suicide by cutting or piercing instruments						
164	Poisoning by food					1	
169	Accidental drowning					2	
169A	Traumatism in logging camp and sawmill						
171A	Traumatism by falling tree						
172	Traumatism by fall						
175	Traumatism by other crushing (railroad, landslides, vehicles, etc.)						

JUNE (INCLUSIVE), 1919—*Continued.*

5 to 10 years.		10 to 20 years.		20 to 30 years.		30 to 40 years.		40 to 50 years.		50 to 60 years.		60 to 70 years.		70 to 80 years.		80 to 90 years.		90 and upwards.		Age not given.		Total by Sexes.		Total Deaths.
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
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CAUSES OF DEATH, JULY, 1918, TO

Classification No.	CAUSE OF DEATH. (After the Bertillon Classification Causes of Death, Second International Decennial Revision, Paris, 1909.)	Under 1 year.		1 to 2 years.		2 to 5 years.	
	NEW WESTMINSTER DIVISION—OUTSIDE—*Concluded.*	M.	F.	M.	F.	M.	F.
	XIII.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES—*Concluded.*						
175A	Traumatism not specified	....	....	....	....	....	....
186	Other external violence	....	....	....	....	....	....
	XIV.—ILL-DEFINED DISEASES.						
187A	Dropsy	....	....	....	....	....	....
		18	6	3	2	5	1
	NANAIMO DIVISION.—NANAIMO CITY.						
	I.—GENERAL DISEASES.						
9	Diphtheria	....	....	....	....	....	1
10	Influenza	....	....	....	....	....	....
20	Purulent infection and septicæmia	....	....	....	....	....	....
28	Tuberculosis of the lungs	....	....	....	....	....	....
30	Tubercular meningitis	....	....	....	....	1	....
34	Tuberculosis of other organs	....	....	....	....	....	....
39C	Cancer of œsophagus	....	....	....	....	....	....
39D	Cancer of larynx	....	....	....	....	....	....
40	Cancer and other malignant tumours of the stomach, liver	....	....	....	....	....	....
43	Cancer and other malignant tumours of the breast	....	....	....	....	....	....
50	Diabetes	....	....	....	....	....	....
	II.—DISEASES OF NERVOUS SYSTEM AND ORGANS OF SPECIAL SENSE.						
61	Meningitis	....	....	....	....	....	....
64	Cerebral hæmorrhage, apoplexy	....	....	....	....	....	....
71	Convulsions of infants	....	....	1	....	....	....
	III.—DISEASES OF THE CIRCULATORY SYSTEM.						
77A	Myocarditis	....	....	....	....	....	....
78	Acute endocarditis	....	....	....	....	....	....
79	Organic diseases of the heart	....	....	....	....	....	....
79B	Valvular disease	....	....	....	....	....	....
81	Diseases of the arteries	....	....	....	....	....	....
81B	Aneurism	....	....	....	....	....	....
82	Embolism and thrombosis	....	....	....	....	....	....
	IV.—DISEASES OF THE RESPIRATORY SYSTEM.						
89	Acute bronchitis	....	....	....	....	....	....
91	Bronchopneumonia	....	3	....	1	....	....
92	Pneumonia	1	....	....	2	....	....
92A	Lobar	....	....	....	....	....	....
92D	Pneumonia following influenza	....	1	....	....	....	....
96	Asthma	....	....	....	....	....	....
98A	Œdema of lungs	....	....	....	....	....	....
	V.—DISEASES OF THE DIGESTIVE SYSTEM.						
102	Ulcer of the stomach	....	....	....	....	....	....
103	Other diseases of the stomach (cancer excepted)	....	....	....	....	....	....
104	Diarrhœa and enteritis (under 2 years)	1	1	....	....	....	....
105	Diarrhœa and enteritis (2 years and over)	....	....	....	....	....	1
113	Cirrhosis of the liver	....	....	....	....	....	....
	VI.—NON-VENEREAL DISEASES OF GENITO-URINARY SYSTEM AND ANNEXA.						
119	Acute nephritis	....	....	....	....	....	....
120A	Uræmia	....	....	....	....	....	....
121	Chyluria	....	....	....	....	....	....
123	Calculi of the urinary passages	....	....	....	....	....	....
	VIII.—DISEASES OF THE SKIN AND OF THE CELLULAR TISSUE.						
142	Gangrene	....	....	....	....	....	....
	X.—MALFORMATIONS.						
150	Congenital malformation (still-births not included)	1	....	....	....	....	....
	XI.—DISEASES OF EARLY INFANCY.						
151A	Accident of labour	1	....	....	....	....	....
151B	Non-assimilation of food	2	2	....	....	....	....
153A	Still-born	1	....	....	....	....	....
153B	Premature	....	3	....	....	....	....

JUNE (INCLUSIVE), 1919—*Continued.*

5 to 10 years.		10 to 20 years.		20 to 30 years.		30 to 40 years.		40 to 50 years.		50 to 60 years.		60 to 70 years.		70 to 80 years.		80 to 90 years.		90 and upwards.		Age not given.		Total by Sexes.		Total Deaths.
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
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CAUSES OF DEATH, JULY, 1918, TO

Classification No.	CAUSE OF DEATH. (After the Bertillon Classification Causes of Death, Second International Decennial Revision, Paris, 1909.)	Under 1 year.		1 to 2 years.		2 to 5 years.	
	NANAIMO DIVISION—NANAIMO CITY—*Concluded.*	M.	F.	M.	F.	M.	F.
	XII.—OLD AGE.						
154	Senility	....	....	....	....	....	....
	XIII.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
159	Suicide by firearms	....	....	....	....	....	....
167	Burns (conflagration excepted)	....	1	....	....	1	....
169	Accidental drowning	....	....	....	....	1	....
170	Traumatism by firearms	....	....	....	....	....	....
173	Traumatism in mines and quarries	....	....	....	....	....	....
174	Traumatism by machines	....	....	....	....	....	....
175	Traumatism by other crushing (railroad, landslides, vehicles, etc.)	....	....	....	....	....	....
	XIV.—ILL-DEFINED DISEASES.						
187	Ill-defined organic disease	....	....	....	....	....	....
189c	Shock following operation	....	....	....	....	....	....
		7	11	1	3	3	2
	NANAIMO DIVISION—ALERT BAY.						
	I.—GENERAL DISEASES.						
10	Influenza	....	....	....	....	....	....
28	Tuberculosis of the lungs	....	....	....	....	....	....
	II.—DISEASES OF NERVOUS SYSTEM AND ORGANS OF SPECIAL SENSE.						
64	Cerebral hæmorrhage, apoplexy	....	....	....	....	....	....
	IV.—DISEASES OF THE RESPIRATORY SYSTEM.						
92	Pneumonia	....	....	....	....	....	....
92d	Pneumonia following influenza	....	....	....	....	....	....
	VI.—NON-VENEREAL DISEASES OF GENITO-URINARY SYSTEM AND ANNEXA.						
120	Bright's disease	....	....	....	....	....	1
	XI.—DISEASES OF EARLY INFANCY.						
152	Other diseases peculiar to early infancy	1	....	....	....	....	....
153a	Still-born	1	....	....	....	....	....
	XII.—OLD AGE.						
154	Senility	....	....	....	....	....	....
	XIII.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
159	Suicide by firearms	....	....	....	....	....	....
169	Accidental drowning	....	....	....	....	....	....
169a	Traumatism in logging camp and sawmill	....	....	....	....	....	....
171a	Traumatism by falling tree	....	....	....	....	....	....
172	Traumatism by fall	....	....	....	....	....	....
	XIV.—ILL-DEFINED DISEASES.						
189	Cause of death not specified or ill-defined	....	....	....	....	....	....
		2	....	....	....	....	1
	NANAIMO DIVISION—COMOX.						
	I.—GENERAL DISEASES.						
1	Typhoid fever	....	....	....	....	....	....
10	Influenza	....	....	....	1	....	....
28	Tuberculosis of the lungs	....	....	....	....	....	....
39b	Cancer of jaw	....	....	....	....	....	....
44	Cancer and other malignant tumours of the skin	....	....	....	....	....	....
45	Cancer and other malignant tumours of other organs, and of organs not specified	....	....	....	....	....	....
50	Diabetes	....	....	....	....	....	....

JUNE (INCLUSIVE), 1919—*Continued.*

5 to 10 years.		10 to 20 years.		20 to 30 years.		30 to 40 years.		40 to 50 years.		50 to 60 years.		60 to 70 years.		70 to 80 years.		80 to 90 years.		90 and upwards.		Age not given.		Total by Sexes.		Total Deaths.
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
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CAUSES OF DEATH, JULY, 1918, TO

Classification No.	CAUSE OF DEATH. (After the Bertillon Classification Causes of Death, Second International Decennial Revision, Paris, 1909.)	Under 1 year.		1 to 2 years.		2 to 5 years.	
	NANAIMO DIVISION—COMOX—*Concluded.*	M.	F.	M.	F.	M.	F.
	II.—DISEASES OF NERVOUS SYSTEM AND ORGANS OF SPECIAL SENSE.						
61	Meningitis	....	....	....	....	....	....
64	Cerebral hæmorrhage, apoplexy	....	....	....	....	....	....
	III.—DISEASES OF THE CIRCULATORY SYSTEM.						
77A	Myocarditis	....	....	....	....	....	....
79	Organic diseases of the heart	....	....	....	....	....	....
79B	Valvular disease	....	....	....	....	....	....
81C	Arteriosclerosis	....	....	....	....	....	....
82	Embolism and thrombosis	....	....	....	....	....	....
	IV.—DISEASES OF THE RESPIRATORY SYSTEM.						
89	Acute bronchitis	1	....	....	....	....	....
91	Bronchopneumonia	2	....	....	....	1	....
92	Pneumonia	....	....	....	....	....	....
92D	Pneumonia following influenza	....	1	....	....	....	2
96	Asthma	....	....	....	....	....	....
	V.—DISEASES OF THE DIGESTIVE SYSTEM.						
104	Diarrhœa and enteritis (under 2 years)	1	....	....	....	....	....
113	Cirrhosis of the liver	....	....	....	....	....	....
117A	Peritonitis-appendicitis	....	....	....	....	....	....
	VII.—THE PUERPERAL STATE.						
135	Puerperal hæmorrhage	....	....	....	....	....	....
137	Puerperal septicæmia	....	....	....	....	....	....
	VIII.—DISEASES OF THE SKIN AND OF THE CELLULAR TISSUE.						
142	Gangrene	....	....	....	....	....	....
	XI.—DISEASES OF EARLY INFANCY.						
151	Congenital debility, icterus, and sclerema	1	....	....	....	....	....
151B	Non-assimilation of food	1	....	....	....	....	....
153A	Still-born	....	1	....	....	....	....
153B	Premature	....	2	....	....	....	....
153C	Umbilical hæmorrhage	1	....	....	....	....	....
	XII.—OLD AGE.						
154	Senility	....	....	....	....	....	....
	XIII.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
155	Suicide by poison	....	....	....	....	....	....
157	Suicide by hanging or strangulation	....	....	....	....	....	....
163	Other suicides	....	....	....	....	....	....
164	Poisoning by food	....	....	....	....	....	....
165	Other acute poisonings	....	....	....	....	....	....
166	Conflagration	....	....	....	....	....	....
169	Accidental drowning	....	....	....	....	....	1
169A	Traumatism in logging camp and sawmill	1	....	....	....	....	....
170	Traumatism by firearms	....	....	....	....	....	....
171A	Traumatism by falling tree	....	....	....	....	....	....
173	Traumatism in mines and quarries	....	....	....	....	....	....
174	Traumatism by machines	....	....	....	....	....	....
175	Traumatism by other crushing (railroad, landslides, vehicles, etc.)	....	....	....	....	....	....
175A	Traumatism not specified	....	....	....	....	....	....
186	Other external violence	....	....	....	....	....	....
	XIV.—ILL-DEFINED DISEASES.						
189	Cause of death not specified or ill-defined	....	....	....	....	....	....
		8	4	...	1	1	3
	NANAIMO DIVISION—LADYSMITH.						
	I.—GENERAL DISEASES.						
10	Influenza	1	....	....	....	....	....
28	Tuberculosis of the lungs	....	....	....	....	1	....
54A	Anæmia, pernicious	....	....	....	....	....	....

JUNE (INCLUSIVE), 1919—*Continued.*

5 to 10 years.		10 to 20 years.		20 to 30 years.		30 to 40 years.		40 to 50 years.		50 to 60 years.		60 to 70 years.		70 to 80 years.		80 to 90 years.		90 and upwards.		Age not given.		Total by Sexes.		Total Deaths.
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
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CAUSES OF DEATH, JULY, 1918, TO

Classification No.	CAUSE OF DEATH. (After the Bertillon Classification Causes of Death, Second International Decennial Revision, Paris, 1909.)	Under 1 year.		1 to 2 years.		2 to 5 years.	
	NANAIMO DIVISION—LADYSMITH—*Concluded.*	M.	F.	M.	F.	M.	F.
	II.—DISEASES OF NERVOUS SYSTEM AND ORGANS OF SPECIAL SENSE.						
64	Cerebral hæmorrhage, apoplexy	....	....	....	....	....	....
71	Convulsions of infants	....	....	....	....	....	1
	III.—DISEASES OF THE CIRCULATORY SYSTEM.						
77A	Myocarditis	....	....	....	....	....	....
78	Acute endocarditis	....	....	....	....	....	....
79	Organic diseases of the heart	....	....	....	....	....	....
	IV.—DISEASES OF THE RESPIRATORY SYSTEM.						
91	Bronchpneumonia	1	1	1	....	....	....
92D	Pneumonia following influenza	....	....	....	....	....	....
	VI.—NON-VENEREAL DISEASES OF GENITO-URINARY SYSTEM AND ANNEXA.						
119	Acute nephritis	....	....	....	....	....	....
	XI.—DISEASES OF EARLY INFANCY.						
152B	Asphyxia, caused by milk in trachea	2	....	....	....	....	....
153B	Premature	....	2	....	....	....	....
	XIII.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
159	Suicide by firearms	....	....	....	....	....	....
170	Traumatism by firearms	....	....	....	....	....	....
171A	Traumatism by falling tree	....	....	....	....	....	....
175	Traumatism by other crushing (railroad, landslides, vehicles, etc.)	....	....	....	....	....	....
		4	3	1	....	1	1
	BEATON GROUP—CRANBROOK.						
	I.—GENERAL DISEASES.						
20	Purulent infection and septicæma	....	....	....	....	....	....
28	Tuberculosis of the lungs	....	....	....	....	....	....
30	Tubercular meningitis	....	....	....	....	....	....
34	Tuberculosis of other organs	....	....	....	....	....	....
37	Syphilis	....	....	....	....	....	....
40	Cancer and other malignant tumours of the stomach, liver	....	....	....	....	....	....
45C	Abscess of lung	....	....	....	....	....	....
46	Other tumours (tumours of the female genital organs excepted)	....	....	....	....	....	....
52	Addison's disease	....	....	....	....	....	....
	II.—DISEASES OF NERVOUS SYSTEM AND ORGANS OF SPECIAL SENSE.						
64	Cerebral hæmorrhage, apoplexy	....	....	....	....	....	....
70	Convulsions (non-puerperal)	1	1	....	....	....	....
	III.—DISEASES OF THE CIRCULATORY SYSTEM.						
77A	Myocarditis	....	....	....	....	....	....
78	Acute endocarditis	....	....	....	....	....	....
81B	Aneurism	....	....	....	....	....	....
	IV.—DISEASES OF THE RESPIRATORY SYSTEM.						
91	Bronchopneumonia	1	....	....	....	....	....
92	Pneumonia	....	2	....	....	....	....
92D	Pneumonia following influenza	1	....	....	....	1	1
	V.—DISEASES OF THE DIGESTIVE SYSTEM.						
108	Appendicitis and typhlitis	....	....	....	....	....	....
117A	Peritonitis-appendicitis	....	....	....	....	....	....
	VI.—NON-VENEREAL DISEASES OF GENITO-URINARY SYSTEM AND ANNEXA.						
120A	Uræmia	....	....	....	....	....	....
	VII.—THE PUERPERAL STATE.						
137	Puerperal septicæmia	....	....	....	....	....	....

JUNE (INCLUSIVE), 1919—*Continued.*

5 to 10 years.		10 to 20 years.		20 to 30 years.		30 to 40 years.		40 to 50 years.		50 to 60 years.		60 to 70 years.		70 to 80 years.		80 to 90 years.		90 and upwards.		Age not given.		Total by Sexes.		Total Deaths.
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
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CAUSES OF DEATH, JULY, 1918, TO

Classification No.	CAUSE OF DEATH. (After the Bertillon Classification Causes of Death, Second International Decennial Revision, Paris, 1909.)	Under 1 year.		1 to 2 years.		2 to 5 years.	
	BEATON GROUP—CRANBROOK—*Concluded.*	M.	F.	M.	F.	M.	F.
	XI.—DISEASES OF EARLY INFANCY.						
151	Congenital debility, icterus, and sclerema	1	..	....	....	....	....
152	Other diseases peculiar to early infancy	1	..	....	....	....	....
152B	Asphyxia, caused by milk in trachea	1	..	....	....	....	....
153A	Still-born	1	..	....	....	....	....
153B	Premature	2	..	....	....	....	....
153C	Umbilical hæmorrhage	....	1	....	....	....	....
	XIII.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
157	Suicide by hanging or strangulation	....	....	....	....	....	....
159	Suicide by firearms	....	....	....	....	....	....
169	Accidental drowning	....	....	....	....	....	....
170	Traumatism by firearms	....	....	....	....	....	....
175	Traumatism by other crushing (railroad, landslides, vehicles, etc.)	....	....	....	....	....	....
186	Other external violence	....	....	....	....	....	....
	XIV. ILL-DEFINED DISEASES.						
189	Cause of death not specified or ill-defined	....	....	....	....	....	....
		9	4	....	....	1	1
	BEATON GROUP—FERNIE.						
	I.—GENERAL DISEASES.						
10	Influenza	....	....	....	....	....	....
28	Tuberculosis of the lungs	....	....	....	....	....	....
40	Cancer and other malignant tumours of the stomach, liver	....	....	....	....	....	....
45C	Cancer of tongue	....	....	....	....	....	....
50	Diabetes	....	....	....	....	....	....
	II.—DISEASES OF NERVOUS SYSTEM AND ORGANS OF SPECIAL SENSE.						
61	Meningitis	....	....	....	1	....	....
64	Cerebral hæmorrhage, apoplexy	1	....	....	....	....	....
	III.—DISEASES OF THE CIRCULATORY SYSTEM.						
77A	Myocarditis	....	....	....	....	....	....
78A	Endocarditis following rheumatism	....	....	....	....	....	....
79	Organic diseases of the heart	....	....	....	....	....	....
79B	Valvular disease	....	....	....	....	....	....
79D	Fatty degeneration of heart	....	....	....	....	....	....
	IV.—DISEASES OF THE RESPIRATORY SYSTEM.						
88C	Capillary bronchitis	1	....	....	....	....	....
89	Acute bronchitis	....	1	....	....	....	....
91	Bronchopneumonia	1	....	....	....	....	....
92	Pneumonia	1	....	....	....	....	....
92A	Lobar	....	1	....	....	....	....
92D	Pneumonia following influenza	2	1	1	1	....	1
	V.—DISEASES OF THE DIGESTIVE SYSTEM.						
104	Diarrhœa and enteritis (under 2 years)	....	4	....	....	....	....
108	Appendicitis and typhlitis	....	....	....	....	....	....
110A	Enterocolitis	....	1	....	....	....	....
	VI.—NON-VENEREAL DISEASES OF GENITO-URINARY SYSTEM AND ANNEXA.						
119	Acute nephritis	....	....	....	....	....	....
	VII.—THE PUERPERAL STATE.						
137	Puerperal septicæmia	....	....	....	....	....	....
137C	Induced abortion by patient	....	....	....	....	....	....
	VIII.—DISEASES OF THE SKIN AND OF THE CELLULAR TISSUE.						
142	Gangrene	....	....	....	....	....	....

JUNE (INCLUSIVE), 1919—*Continued.*

5 to 10 years.		10 to 20 years.		20 to 30 years.		30 to 40 years.		40 to 50 years.		50 to 60 years.		60 to 70 years.		70 to 80 years.		80 to 90 years.		90 and upwards.		Age not given.		Total by Sexes.		Total Deaths.
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
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CAUSES OF DEATH, JULY, 1918, TO

Classification No.	CAUSE OF DEATH. (After the Bertillon Classification Causes of Death, Second International Decennial Revision, Paris, 1909.)	Under 1 year.		1 to 2 years.		2 to 5 years.	
	BEATON GROUP—FERNIE—*Concluded.*	M.	F.	M.	F.	M.	F.
	XI.—DISEASES OF EARLY INFANCY.						
151	Congenital debility, icterus, and sclerema	1	....	....	....	....	....
151B	Non-assimilation of food	1	....	....	....	....	....
153A	Still-born	2	1	....	....	....	....
153B	Premature	1	....	....	....	....	....
	XII.—OLD AGE.						
154	Senility	....	....	....	....	....	....
	XIII.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
159	Suicide by firearms	....	....	....	....	....	....
169	Accidental drowning	....	....	....	....	2	....
173	Traumatism in mines and quarries	....	....	....	....	....	....
174	Traumatism by machines	....	....	....	....	....	....
175	Traumatism by other crushing (railroad, landslides, vehicles, etc.)	....	....	....	....	....	....
186	Other external violence	....	....	....	....	....	....
	XIV.—ILL-DEFINED DISEASES.						
189	Cause of death not specified or ill-defined	....	1	....	....	....	....
		11	10	1	2	2	1
	BEATON GROUP—GOLDEN.						
	I.—GENERAL DISEASES.						
10	Influenza	....	....	....	....	....	....
	II.—DISEASES OF NERVOUS SYSTEM AND ORGANS OF SPECIAL SENSE.						
61	Meningitis	1	....	....	....	....	....
64	Cerebral hæmorrhage, apoplexy	....	....	....	....	....	....
	III.—DISEASES OF THE CIRCULATORY SYSTEM.						
79	Organic diseases of the heart	....	....	....	....	....	....
79B	Valvular disease	....	....	....	....	....	....
	IV.—DISEASES OF THE RESPIRATORY SYSTEM.						
92D	Pneumonia following influenza	....	....	....	....	....	....
	V.—DISEASES OF THE DIGESTIVE SYSTEM.						
108	Appendicitis and typhlitis	....	....	....	....	....	....
	XI.—DISEASES OF EARLY INFANCY.						
151	Congenital debility, icterus, and sclerema	1	....	....	....	....	....
	XIII.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
175	Traumatism by other crushing (railroad, landslides, vehicles, etc.)	....	....	....	....	....	....
186	Other external violence	....	....	....	....	....	....
	XIV.—ILL-DEFINED DISEASES.						
189	Cause of death not specified or ill-defined	....	....	....	....	....	....
		2	....	....	....	....	....
	BEATON GROUP—KASLO.						
	I.—GENERAL DISEASES.						
28	Tuberculosis of the lungs	....	....	....	....	....	....
	II.—DISEASES OF NERVOUS SYSTEM AND ORGANS OF SPECIAL SENSE.						
64	Cerebral hæmorrhage, apoplexy	....	....	....	....	....	....
	III.—DISEASES OF THE CIRCULATORY SYSTEM.						
81C	Arteriosclerosis	....	....	....	....	....	....

JUNE (INCLUSIVE), 1919—*Continued.*

5 to 10 years.		10 to 20 years.		20 to 30 years.		30 to 40 years.		40 to 50 years.		50 to 60 years.		60 to 70 years.		70 to 80 years.		80 to 90 years.		90 and upwards.		Age not given.		Total by Sexes.		Total Deaths.
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
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CAUSES OF DEATH, JULY, 1918, TO

Classification No.	CAUSE OF DEATH. (After the Bertillon Classification Causes of Death, Second International Decennial Revision, Paris, 1909.)	Under 1 year.		1 to 2 years.		2 to 5 years.	
	BEATON GROUP—KASLO—*Concluded.*	M.	F.	M.	F.	M.	F.
	IV.—DISEASES OF THE RESPIRATORY SYSTEM.						
92D	Pneumonia following influenza						
	V.—DISEASES OF THE DIGESTIVE SYSTEM.						
117	Simple peritonitis (non-puerperal)						
	XIII.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
159	Suicide by firearms						
165	Other acute poisonings						
169	Accidental drowning						
	REATON GROUP—NAKUSP.						
	III.—DISEASES OF THE CIRCULATORY SYSTEM.						
79B	Valvular disease						
	IV.—DISEASES OF THE RESPIRATORY SYSTEM.						
92A	Pneumonia following influenza						
	BEATON GROUP—NELSON.						
	I.—GENERAL DISEASES.						
1	Typhoid fever						
9	Diphtheria					1	
9A	Croup	1					
10	Influenza					1	
20	Purulent infection and septicæmia						
28	Tuberculosis of the lungs						
28A	Tubercular laryngitis						
29	Tubercular meningitis						
39C	Cancer of œsophagus						
39E	Cancer of pancreas						
40	Cancer and other malignant tumours of the stomach, liver						
42	Cancer and other malignant tumours of the female genital organs						
45	Cancer and other malignant tumours of other organs, and of organs not specified						
46	Other tumours (tumours of the female genital organs excepted)						
50	Diabetes						
51	Exophthalmic goitre						
54A	Anæmia, pernicious						
	II.—DISEASES OF NERVOUS SYSTEM AND ORGANS OF SPECIAL SENSE.						
64	Cerebral hæmorrhage, apoplexy						
	III.—DISEASES OF THE CIRCULATORY SYSTEM.						
77	Pericarditis						
78	Acute endocarditis						
78A	Endocarditis following rheumatism						
79E	Mitral regurgitation						
79F	Mitral regurgitation complicated by nephritis						
80	Angina pectoris						
81	Embolism and thrombosis						
	IV.—DISEASES OF THE RESPIRATORY SYSTEM.						
89	Acute bronchitis		1				
91	Bronchopneumonia	1		1			
92	Pneumonia						
92D	Pneumonia following influenza	1					
94	Pulmonary congestion, pulmonary apoplexy						
96	Asthma						
	V.—DISEASES OF THE DIGESTIVE SYSTEM.						
105	Diarrhœa and enteritis (2 years and over)						

JUNE (INCLUSIVE), 1919—*Continued.*

5 to 10 years.		10 to 20 years.		20 to 30 years.		30 to 40 years.		40 to 50 years.		50 to 60 years.		60 to 70 years.		70 to 80 years.		80 to 90 years.		90 and upwards.		Age not given.		Total by Sexes.		Total Deaths.
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
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CAUSES OF DEATH, JULY, 1918, TO

Classification No.	CAUSE OF DEATH. (After the Bertillon Classification Causes of Death, Second International Decennial Revision, Paris, 1909.)	Under 1 year.		1 to 2 years.		2 to 5 years.	
	BEATON GROUP—NELSON—*Concluded.*	M.	F.	M.	F.	M.	F.
	VI.—NON-VENEREAL DISEASES OF GENITO-URINARY SYSTEM AND ANNEXA.						
120	Bright's disease	....	....	....	....	....	....
120A	Uræmia	....	....	....	....	....	....
	X.—MALFORMATIONS.						
150	Congenital malformation (still-births not included)	1	1	....	....	....	....
	XI.—DISEASES OF EARLY INFANCY.						
151B	Non-assimilation of food	....	1	....	....	....	....
152A	Atelectasis	1	....	....	....	....	....
153A	Still-born	1	2	....	....	....	....
153B	Premature	2	1	....	....	....	....
	XII.—OLD AGE.						
154	Senility	....	....	....	....	....	....
	XIII.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
155	Suicide by poison	....	....	....	....	....	....
158	Suicide by drowning	....	....	....	....	....	....
169	Accidental drowning	....	....	....	....	....	....
175B	Traumatism by snowslide	....	....	....	....	....	....
		8	6	1	....	2	....
	BEATON GROUP—NEW DENVER.						
	I.—GENERAL DISEASES.						
44B	Cancer of prostate	....	....	....	....	....	....
	III.—DISEASES OF THE CIRCULATORY SYSTEM.						
77A	Myocarditis	....	....	....	....	....	....
79	Organic diseases of the heart	....	....	....	....	....	....
79C	Aortic insufficiency	....	....	....	....	....	....
82	Embolism and thrombosis	....	....	....	....	....	....
	IV.—DISEASES OF THE RESPIRATORY SYSTEM.						
92	Pneumonia	....	....	....	....	....	....
92A	Lobar	....	....	....	....	....	....
92D	Pneumonia following influenza	....	....	....	....	....	....
	V.—DISEASES OF THE DIGESTIVE SYSTEM.						
117	Simple peritonitis (non-puerperal)	....	....	....	....	....	....
	VI.—NON-VENEREAL DISEASES OF GENITO-URINARY SYSTEM AND ANNEXA.						
119	Acute nephritis	....	....	....	....	....	....
	VII.—THE PUERPERAL STATE.						
141A	Vomitus matutinus	....	....	....	....	....	....
	X.—MALFORMATIONS.						
150	Congenital malformation (still-births not included)	1	....	....	....	....	....
	XII.—OLD AGE.						
154	Senility	....	....	....	....	....	....
	XIII.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
173	Traumatism in mines and quarries	....	....	....	....	....	....
175A	Traumatism not specified	....	....	....	....	....	....
175B	Traumatism by snowslide	....	....	....	....	....	....
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JUNE (INCLUSIVE), 1919—*Continued.*

5 to 10 years.		10 to 20 years.		20 to 30 years.		30 to 40 years.		40 to 50 years.		50 to 60 years.		60 to 70 years.		70 to 80 years.		80 to 90 years.		90 and upwards.		Age not given.		Total by Sexes.		Total Deaths.
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
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CAUSES OF DEATH, JULY, 1918, TO

Classification No.	CAUSE OF DEATH. (After the Bertillon Classification Causes of Death, Second International Decennial Revision, Paris, 1909.)	Under 1 year.		1 to 2 years.		2 to 5 years.	
	BEATON GROUP—REVELSTOKE	M.	F.	M.	F.	M.	F.
	I.—GENERAL DISEASES.						
6	Measles	....	....	....	....	....	1
10	Influenza	1	....	....	....	2	....
28	Tuberculosis of the lungs	....	....	....	....	....	....
41	Cancer and other malignant tumours of the peritoneum, intestines, rectum	....	....	....	....	....	....
45A	Cancer of bladder	....	....	....	....	....	....
47	Acute articular rheumatism and gout	....	....	....	....	....	....
54A	Anæmia, pernicious	....	....	....	....	....	....
	II.—DISEASES OF NERVOUS SYSTEM AND ORGANS OF SPECIAL SENSE.						
62	Locomotor ataxia	....	....	....	....	....	....
64	Cerebral hæmorrhage, apoplexy	....	....	....	....	....	....
	III.—DISEASES OF THE CIRCULATORY SYSTEM.						
78	Acute endocarditis	....	....	....	....	....	....
79	Organic diseases of the heart	....	....	....	....	....	....
	IV.—DISEASES OF THE RESPIRATORY SYSTEM.						
92	Pneumonia	1	....	1	....	....	....
92A	Lobar	....	....	....	....	....	....
92D	Pneumonia following influenza	....	....	....	....	....	....
	V.—DISEASES OF THE DIGESTIVE SYSTEM.						
104	Diarrhœa and enteritis (under 2 years)	....	1	....	....	....	....
109	Hernia, intestinal obstruction	1	....	....	....	....	....
	VI. NON-VENEREAL DISEASES OF GENITO-URINARY SYSTEM AND ANNEXA.						
123	Calculi of the urinary passages	....	....	....	....	....	....
	X.—MALFORMATIONS.						
150	Congenital malformation (still-births not included)	....	1	....	....	....	....
	XI.—DISEASES OF EARLY INFANCY.						
151B	Non-assimilation of food	1	....	....	....	....	....
153A	Still-born	....	1	....	....	....	....
153B	Premature	....	1	....	....	....	....
	XIII.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
175	Traumatism by other crushing (railroad, landslides, vehicles, etc.)	....	....	....	....	....	....
175A	Traumatism not specified	....	....	....	....	....	....
186B	Suffocated by smoke in tunnel	....	....	....	....	....	....
		4	4	1	....	2	1
	BEATON GROUP—ROSSLAND.						
	I.—GENERAL DISEASES.						
1	Typhoid fever	....	....	....	....	....	....
10	Influenza	....	....	....	....	....	....
28	Tuberculosis of the lungs	....	....	....	....	....	....
29	Acute miliary tuberculosis	....	....	....	....	....	....
50	Diabetes	....	....	....	....	....	....
	II.—DISEASES OF NERVOUS SYSTEM AND ORGANS OF SPECIAL SENSE.						
64	Cerebral hæmorrhage, apoplexy	....	1	....	....	....	....
71	Convulsions of infants	1	....	....	....	....	....
	III.—DISEASES OF THE CIRCULATORY SYSTEM.						
79	Organic diseases of the heart	....	....	....	....	....	....
	IV.—DISEASES OF THE RESPIRATORY SYSTEM.						
91	Bronchopneumonia	....	1	....	....	....	....
92	Pneumonia	....	....	....	....	....	....
92D	Pneumonia following influenza	....	....	....	....	....	1

JUNE (INCLUSIVE), 1919—*Continued.*

5 to 10 years.		10 to 20 years.		20 to 30 years.		30 to 40 years.		40 to 50 years.		50 to 60 years.		60 to 70 years.		70 to 80 years.		80 to 90 years.		90 and upwards.		Age not given.		Total by Sexes.		Total Deaths.
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
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CAUSES OF DEATH, JULY, 1918, TO

Classification No.	CAUSE OF DEATH. (After the Bertillon Classification Causes of Death, Second International Decennial Revision, Paris, 1909.)	Under 1 year.		1 to 2 years.		2 to 5 years.	
	BEATON GROUP—ROSSLAND—*Concluded.*	M.	F.	M.	F.	M.	F.
	V.—DISEASES OF THE DIGESTIVE SYSTEM.						
104	Diarrhœa and enteritis (under 2 years)	1	....	....	1	....	....
109	Hernia, intestinal obstruction	....	....	....	....	....	....
117	Simple peritonitis (non-puerperal)	....	....	....	....	....	....
	VII.—THE PUERPERAL STATE.						
135	Other accidents of labour	....	....	....	....	....	....
	XI.—DISEASES OF EARLY INFANCY.						
152B	Asphyxia, caused by milk in trachea	1	....	....	....	....	....
153B	Premature	1	2	....	....	....	....
	XIII.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
173	Traumatism in mines and quarries	....	....	....	....	....	....
	XIV.—ILL-DEFINED DISEASES.						
189	Cause of death not specified or ill-defined	....	....	....	....	....	....
		4	4	....	1	....	1
	BEATON GROUP—SLOCAN CITY.						
	II.—DISEASES OF NERVOUS SYSTEM AND ORGANS OF SPECIAL SENSE.						
71	Convulsions of infants	....	....	....	1	....	....
	IV.—DISEASES OF THE RESPIRATORY SYSTEM.						
92	Pneumonia	....	....	....	....	....	....
		....	....	....	1	....	....
	BEATON GROUP—TRAIL.						
	I.—GENERAL DISEASES.						
1	Typhoid	....	....	....	....	1	....
9	Diphtheria	....	....	....	....	1	....
10	Influenza	....	....	....	....	....	....
33A	Tuberculosis of joint	....	....	....	....	1	....
40	Cancer and other malignant tumours of the stomach, liver	....	....	....	....	....	....
42	Cancer and other malignant tumours of the female genital organs	....	....	....	....	....	....
45A	Cancer of bladder	....	....	....	....	....	....
	II.—DISEASES OF NERVOUS SYSTEM AND ORGANS OF SPECIAL SENSE.						
64	Cerebral hæmorrhage, apoplexy	....	....	....	....	....	....
70	Convulsions (non-puerperal)	....	....	....	....	....	1
	III.—DISEASES OF THE CIRCULATORY SYSTEM.						
77	Pericarditis	....	....	....	....	....	....
	IV.—DISEASES OF THE RESPIRATORY SYSTEM.						
92	Pneumonia	1	....	....	....	....	....
92D	Pneumonia following influenza	....	....	1	....	1	....
	V.—DISEASES OF THE DIGESTIVE SYSTEM.						
103	Other diseases of the stomach (cancer excepted)	1	....	....	....	....	....
115	Other diseases of the liver	....	....	....	....	....	....
117	Simple peritonitis (non-puerperal)	....	....	....	....	....	....
	VI.—NON-VENEREAL DISEASES OF GENITO-URINARY SYSTEM AND ANNEXA.						
119	Acute nephritis	....	....	....	....	....	....
	XI.—DISEASES OF EARLY INFANCY.						
153A	Still-born	1	1	....	....	....	....
153B	Premature	....	2	....	....	....	....

JUNE (INCLUSIVE), 1919—*Continued.*

5 to 10 years.		10 to 20 years.		20 to 30 years.		30 to 40 years.		40 to 50 years.		50 to 60 years.		60 to 70 years.		70 to 80 years.		80 to 90 years.		90 and upwards.		Age not given.		Total by Sexes.		Total Deaths.
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
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CAUSES OF DEATH, JULY, 1918, TO

Classification No.	CAUSE OF DEATH. (After the Bertillon Classification Causes of Death, Second International Decennial Revision, Paris, 1909.)	Under 1 year.		1 to 2 years.		2 to 5 years.	
	BEATON GROUP—TRAIL—*Concluded.*	M.	F.	M.	F.	M.	F.
	XII.—OLD AGE.						
154	Senility	....	....	....	....	....	....
	XIII.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
157	Suicide by hanging or strangulation	....	....	....	....	....	....
169	Accidental drowning	....	....	....	....	1	....
175	Traumatism by other crushing (railroad, landslides, vehicles, etc.	....	....	....	....	....	....
		3	3	1	....	5	1
	BEATON GROUP—WILMER.						
	II.—DISEASES OF NERVOUS SYSTEM AND ORGANS OF SPECIAL SENSE.						
68	Other forms of mental alienation	....	....	....	....	....	....
	IV.—DISEASES OF THE RESPIRATORY SYSTEM.						
89	Acute bronchitis	....	1	....	....	....	....
92	Pneumonia	....	....	....	....	....	....
	XIII.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
175B	Traumatism by snowslide	....	....	....	....	....	....
		....	1	....	....	....	....
	ALBERNI GROUP—ALBERNI.						
	I.—GENERAL DISEASES.						
10	Influenza	....	....	....	....	....	....
28	Tuberculosis of the lungs	....	....	....	....	....	....
	II.—DISEASES OF NERVOUS SYSTEM AND ORGANS OF SPECIAL SENSE.						
64	Cerebral hæmorrhage, apoplexy	....	....	....	....	....	....
	III.—DISEASES OF THE CIRCULATORY SYSTEM.						
79	Organic diseases of the heart	....	....	....	....	1	....
	IV.—DISEASES OF THE RESPIRATORY SYSTEM.						
92D	Pneumonia following influenza	....	....	....	....	....	....
	V.—DISEASES OF THE DIGESTIVE SYSTEM						
104	Diarrhœa and enteritis (under 2 years)	1	....	....	....	....	....
109	Hernia, intestinal obstruction	....	....	....	....	....	....
	VI.—NON-VENEREAL DISEASES OF GENITO-URINARY SYSTEM AND ANNEXA.						
119	Acute nephritis	....	....	....	....	....	....
	VII.—THE PUERPERAL STATE.						
137B	Uræmia of pregnancy	....	....	....	....	....	....
	XIII.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
169	Accidental drowning	....	....	....	....	....	....
169A	Traumatism in logging camp and sawmill	....	....	....	....	....	....
		1	....	....	....	1	....
	ALBERNI GROUP—ANYOX.						
	I.—GENERAL DISEASES.						
28	Tuberculosis of the lungs	....	....	....	....	....	....
	II.—DISEASES OF NERVOUS SYSTEM AND ORGANS OF SPECIAL SENSE.						
71	Convulsions of infants	....	1	....	....	....	....

JUNE (INCLUSIVE), 1919—*Continued.*

5 to 10 years.		10 to 20 years.		20 to 30 years.		30 to 40 years.		40 to 50 years.		50 to 60 years.		60 to 70 years.		70 to 80 years.		80 to 90 years.		90 and upwards.		Age not given.		Total by Sexes.		Total Deaths.
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
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CAUSES OF DEATH, JULY, 1918, TO

Classification No.	CAUSE OF DEATH. (After the Bertillon Classification Causes of Death, Second International Decennial Revision, Paris, 1909.)	Under 1 year.		1 to 2 years.		2 to 5 years.	
	ALBERNI GROUP—ANYOX—*Concluded.*	M.	F.	M.	F.	M.	F.
	III.—DISEASES OF THE CIRCULATORY SYSTEM.						
78A	Endocarditis following rheumatism	....	....	....	....	....	....
	IV.—DISEASES OF THE RESPIRATORY SYSTEM.						
92D	Pneumonia following influenza	....	....	....	....	....	....
	VI.—NON-VENEREAL DISEASES OF GENITO-URINARY SYSTEM AND ANNEXA.						
120A	Uræmia	....	....	....	....	....	....
	XI.—DISEASES OF EARLY INFANCY.						
153A	Still-born	1	....	....	....	....	....
153B	Premature	1	....	....	....	....	....
	XIII.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
166	Conflagration	....	....	1	....	....	....
169	Accidental drowning	....	....	....	....	....	....
170	Traumatism by firearms	....	....	....	....	....	....
171A	Traumatism by falling tree	....	....	....	....	....	....
172	Traumatism by fall	....	....	....	....	....	....
173	Traumatism in mines and quarries	....	....	....	....	....	....
175	Traumatism by other crushing (railroad, landslides, vehicles, etc.)	....	....	....	....	....	....
		2	1	1	....	....	....
	ALBERNI GROUP—ATLIN.						
	I.—GENERAL DISEASES.						
54A	Anæmia, pernicious	....	....	....	....	....	....
	XIII.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
160	Suicide by cutting or piercing instruments	....	....	....	....	....	....
186	Other external violence	....	....	....	....	....	....
		....	....	....	....	....	....
	ALBERNI GROUP—BELLA COOLA.						
	I.—GENERAL DISEASES.						
10	Influenza	....	....	....	....	....	....
28	Tuberculosis of the lungs	....	....	....	....	....	....
	II.—DISEASES OF NERVOUS SYSTEM AND ORGANS OF SPECIAL SENSE.						
71	Convulsions of infants	....	....	....	....	....	1
	IV.—DISEASES OF THE RESPIRATORY SYSTEM.						
89	Acute bronchitis	....	....	....	....	....	....
92D	Pneumonia following influenza	....	....	....	....	....	....
	XI.—DISEASES OF EARLY INFANCY.						
153B	Premature	1	2	....	....	....	....
	XIII.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
169	Accidental drowning	....	....	....	....	....	....
174	Traumatism by machines	....	....	....	....	....	....
175A	Traumatism not specified	....	....	....	....	....	....
	XIV.—ILL-DEFINED DISEASES.						
189	Cause of death not specified or ill-defined	....	....	....	....	....	....
		1	2	....	....	....	1

JUNE (INCLUSIVE), 1919—*Continued.*

5 to 10 years.		10 to 20 years.		20 to 30 years.		30 to 40 years.		40 to 50 years.		50 to 60 years.		60 to 70 years.		70 to 80 years.		80 to 90 years.		90 and upwards.		Age not given.		Total by Sexes.		Total Deaths.
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
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CAUSES OF DEATH, JULY, 1918, TO

Classification No.	CAUSE OF DEATH. (After the Bertillon Classification Causes of Death, Second International Decennial Revision, Paris, 1909.)	Under 1 year.		1 to 2 years.		2 to 5 years.	
	ALBERNI GROUP—FORT FRASER.	M.	F.	M.	F.	M.	F.
	I.—GENERAL DISEASES.						
10	Influenza	....	....	....	....	....	....
28	Tuberculosis of the lungs	....	....	....	....	....	....
40	Cancer and other malignant tumours of the stomach, liver	....	....	....	....	....	....
50A	Diabetes mellitus	....	....	....	....	....	....
	II.—DISEASES OF NERVOUS SYSTEM AND ORGANS OF SPECIAL SENSE.						
64	Cerebral hæmorrhage, apoplexy	....	....	....	....	....	....
	III.—DISEASES OF THE CIRCULATORY SYSTEM.						
79	Organic diseases of the heart	....	....	....	....	....	....
	IV.—DISEASES OF THE RESPIRATORY SYSTEM.						
91	Bronchopneumonia	1	....	....	....	....	....
92D	Pneumonia following influenza	....	1	....	....	....	....
	XI.—DISEASES OF EARLY INFANCY.						
153A	Still-born	1	....	....	....	....	....
	XIII.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
159	Suicide by firearms	....	....	....	....	....	....
	XIV.—ILL-DEFINED DISEASES.						
189	Cause of death not specified or ill-defined	....	....	....	....	....	....
		2	1	....	....	....	....
	ALBERNI GROUP—HAZELTON.						
	I.—GENERAL DISEASES.						
8	Whooping-cough	1	....	....	....	....	....
10	Influenza	....	....	....	....	....	....
40	Cancer and other malignant tumours of the stomach, liver	....	....	....	....	....	....
46	Other tumours (tumours of the female genital organs excepted)	1	....	....	....	....	....
50	Diabetes	....	....	....	....	....	....
	II.—DISEASES OF NERVOUS SYSTEM AND ORGANS OF SPECIAL SENSE.						
64	Cerebral hæmorrhage, apoplexy	....	....	....	....	....	....
66	Paralysis without specified cause	....	....	....	....	....	....
	III.—DISEASES OF THE CIRCULATORY SYSTEM.						
78A	Endocarditis following rheumatism	....	....	....	....	....	....
79B	Valvular disease	....	....	....	....	....	....
84B	Hodgkin's disease	....	....	....	....	....	....
	IV.—DISEASES OF THE RESPIRATORY SYSTEM.						
92	Pneumonia	....	....	....	....	....	....
92D	Pneumonia following influenza	....	....	....	....	....	....
	V.—DISEASES OF THE DIGESTIVE SYSTEM.						
108	Appendicitis and typhlitis	....	....	....	....	....	....
115	Other diseases of the liver	....	....	....	....	....	....
117A	Peritonitis-appendicitis	....	....	....	....	....	....
	VI.—NON-VENEREAL DISEASES OF GENITO-URINARY SYSTEM AND ANNEXA.						
120A	Uræmia	....	....	....	....	....	....
	X.—MALFORMATIONS.						
150	Congenital malformation (still-births not included)	....	1	....	....	....	....
	XI.—DISEASES OF EARLY INFANCY.						
151	Congenital debility, icterus, and sclerema	1	1	....	....	....	....
152B	Asphyxia, caused by milk in trachea	....	1	....	....	....	....
153A	Still-born	1	....	....	....	....	....

JUNE (INCLUSIVE), 1919—*Continued.*

5 to 10 years.		10 to 20 years.		20 to 30 years.		30 to 40 years.		40 to 50 years.		50 to 60 years.		60 to 70 years.		70 to 80 years.		80 to 90 years.		90 and upwards.		Age not given.		Total by Sexes.		Total Deaths.
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
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CAUSES OF DEATH, JULY, 1918, TO

Classification No.	CAUSE OF DEATH. (After the Bertillon Classification Causes of Death, Second International Decennial Revision, Paris, 1909.)	Under 1 year.		1 to 2 years.		2 to 5 years.	
	ALBERNI GROUP—HAZELTON—*Concluded.*	M.	F.	M.	F.	M.	F.
	XIII.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
159	Suicide by firearms	...	....	....	....	....	....
165	Other acute poisonings	....	....	....	....	....	....
167	Burns (conflagration excepted)	....	....	1	....	....	....
169	Accidental drowning	....	....	....	....	1	....
171A	Traumatism by falling tree	....	....	....	....	....	....
175	Traumatism by other crushing (railroad, landslides, vehicles, etc.)	....	....	....	....	....	....
	XIV.—ILL-DEFINED DISEASES.						
189	Cause of death not specified or ill-defined	1	....	....	....	....	....
		5	3	1	....	1	....
	ALBERNI GROUP—FORT ST. JOHN.						
	XIII.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
182	Homicide by firearms	....	....	....	....	....	....
		....	....	....	....	....	....
	ALBERNI GROUP—POUCE COUPE.						
	I.—GENERAL DISEASES.						
28	Tuberculosis of the lungs	...	....	....	....	....	....
	IV.—DISEASES OF THE RESPIRATORY SYSTEM.						
92D	Pneumonia following influenza	...	....	....	....	....	....
	XIII.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
182	Homicide by firearms	....	....	....	....	....	....
		....	....	....	....	....	....
	ALBERNI GROUP—PRINCE RUPERT.						
	I.—GENERAL DISEASES.						
10	Influenza	....	....	....	....	....	...
20	Purulent infection and septicæmia	....	...	....	....	....	...
28	Tuberculosis of the lungs	...	....	....	....	....	2
37	Syphilis	1	....	....	....	....	....
45	Cancer and other malignant tumours of other organs, and of organs not specified	....	....	....	....	....	....
50	Diabetes	....	....	....	....	....	....
	II.—DISEASES OF NERVOUS SYSTEM AND ORGANS OF SPECIAL SENSE.						
61	Meningitis	....	....	....	....	....	....
64	Cerebral hæmorrhage, apoplexy	....	....	....	....	....	....
71	Convulsions of infants	1	1	....	....	....	....
	III.—DISEASES OF THE CIRCULATORY SYSTEM.						
77A	Myocarditis	....	....	....	....	....	....
79	Organic diseases of the heart	....	....	....	....	....	....
80	Angina pectoris	....	....	....	....	....	....
	IV.—DISEASES OF THE RESPIRATORY SYSTEM.						
89	Acute bronchitis	....	....	....	....	....	....
91	Bronchopneumonia	1	....	....	1	1	....
92	Pneumonia	....	....	1	....	....	1
92D	Pneumonia following influenza	....	....	....	....	....	....
95	Gangrene of the lung	....	....	....	....	....	....
	V.—DISEASES OF THE DIGESTIVE SYSTEM.						
109	Hernia, intestinal obstruction	....	....	....	....	....	....
110B	Duodenal ulcer	....	....	....	....	....	....

JUNE (INCLUSIVE), 1919—*Continued.*

5 to 10 years.		10 to 20 years.		20 to 30 years.		30 to 40 years.		40 to 50 years.		50 to 60 years.		60 to 70 years.		70 to 80 years.		80 to 90 years.		90 and upwards.		Age not given.		Total by Sexes.		Total Deaths.
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
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1	....	2	....	5	1	7	2	3	....	3	1	3	....	1	1	....	....	....	....	....	....	32	8	40
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1	....	2	1	13	3	36	4	10	1	1	....	....	....	....	....	....	....	....	....	1	....	64	9	73
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CAUSES OF DEATH, JULY, 1918, TO

Classification No.	CAUSE OF DEATH. (After the Bertillon Classification Causes of Death, Second International Decennial Revision, Paris, 1909.)	Under 1 year.		1 to 2 years.		2 to 5 years.	
	ALBERNI GROUP—PRINCE RUPERT—*Concluded.*	M.	F.	M.	F.	M.	F.
	VI.—NON-VENEREAL DISEASES OF GENITO-URINARY SYSTEM AND ANNEXA.						
120	Bright's disease	....	....	....	....	....	....
120A	Uræmia	....	....	....	....	....	....
	XI.—DISEASES OF EARLY INFANCY.						
151	Congenital debility, icterus, and sclerema	4	....	....	....	....	....
151A	Accident of labour	....	1	....	....	....	....
151B	Non-assimilation of food	1	....	....	....	....	....
151C	Hydrocephalus	1	....	....	....	....	....
153B	Premature	2	....	....	....	....	....
	XII.—OLD AGE.						
154	Senility	....	....	....	....	....	....
	XII.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
167	Burns (conflagration excepted)	....	....	....	....	....	....
169	Accidental drowning	....	....	....	1	....	....
173	Traumatism in mines and quarries	....	....	....	....	....	....
186	Other external violence	....	....	....	....	....	....
		11	2	1	2	1	3
	ALBERNI GROUP—QUATSINO.						
	II.—DISEASES OF NERVOUS SYSTEM AND ORGANS OF SPECIAL SENSE.						
64	Cerebral hæmorrhage, apoplexy	....	....	....	....	....	....
	V.—DISEASES OF THE DIGESTIVE SYSTEM.						
110	Other diseases of the intestines	....	....	....	....	....	....
	XIII.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
174	Traumatism by machines	....	....	....	....	....	....
186	Other external violence	....	....	....	....	....	....
		....	....	....	....	....	....
	ALBERNI GROUP—QUEEN CHARLOTTE.						
	III.—DISEASES OF THE CIRCULATORY SYSTEM.						
77A	Myocarditis	....	....	....	....	....	....
	IV.—DISEASES OF THE RESPIRATORY SYSTEM.						
92D	Pneumonia following influenza	....	....	....	....	....	....
	XI.—DISEASES OF EARLY INFANCY.						
151	Congenital debility, icterus, and sclerema	1	....	....	....	....	....
	XIII.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
169	Accidental drowning	....	....	....	....	....	....
169A	Traumatism in logging camp and sawmill	....	....	....	....	....	....
171A	Traumatism by falling tree	....	....	....	....	....	....
		1	....	....	....	....	....
	ALBERNI GROUP—STEWART.						
	IV.—DISEASES OF THE RESPIRATORY SYSTEM.						
92D	Pneumonia following influenza	....	....	....	....	....	....
		....	....	....	....	....	....

JUNE (INCLUSIVE), 1919—*Continued.*

5 to 10 years.		10 to 20 years.		20 to 30 years.		30 to 40 years.		40 to 50 years.		50 to 60 years.		60 to 70 years.		70 to 80 years.		80 to 90 years.		90 and upwards.		Age not given.		Total by Sexes.		Total Deaths.
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
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						1																1		1
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2		3	1	17	7	41	5	17	3	5	3	4		1			1	1		1		105	27	132
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						1						1								1		2		2
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		1				6		1				1								11		21		21
				1		1		1														3		3
				1		1		1														3		3

CAUSES OF DEATH, JULY, 1918, TO

Classification No.	CAUSE OF DEATH. (After the Bertillon Classification Causes of Death, Second International Decennial Revision, Paris, 1909.)	Under 1 year.		1 to 2 years.		2 to 5 years.	
	ALBERNI GROUP—TELEGRAPH CREEK.	M.	F.	M.	F.	M.	F.
	IV.—DISEASES OF THE RESPIRATORY SYSTEM.						
92D	Pneumonia following influenza	1	....	....	....	....	....
		1	....	....	....	....	....
	ASHCROFT GROUP—ASHCROFT.						
	I.—GENERAL DISEASES.						
40	Cancer and other malignant tumours of the stomach, liver	....	....	....	....	....	....
50	Diabetes	....	....	....	....	....	....
	III.—DISEASES OF THE CIRCULATORY SYSTEM.						
79	Organic diseases of the heart	....	....	....	....	....	....
	IV.—DISEASES OF THE RESPIRATORY SYSTEM.						
90	Chronic bronchitis	....	....	....	....	....	....
92	Pneumonia	....	....	....	....	....	....
92A	Pneumonia following influenza	....	....	....	....	....	....
	VI.—NON-VENEREAL DISEASES OF GENITO-URINARY SYSTEM AND ANNEXA.						
120A	Uræmia	....	....	....	....	....	....
	XI.—DISEASES OF EARLY INFANCY.						
152A	Atelectasis	1	....	....	....	....	....
	XII.—OLD AGE.						
154	Senility	....	....	....	....	....	....
	XIII.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
186	Other external violence	....	....	....	....	....	....
		1	....	....	....	....	....
	ASHCROFT GROUP—BARKERVILLE.						
	I.—GENERAL DISEASES.						
34	Tuberculosis of other organs	....	....	1	....	....	....
	III.—DISEASES OF THE CIRCULATORY SYSTEM.						
79	Organic diseases of the heart	....	....	....	....	....	....
79B	Valvular disease	....	....	....	....	....	....
	XIV.—ILL-DEFINED DISEASES.						
187A	Dropsy	....	....	....	....	....	....
		....	....	1	....	....	....
	ASHCROFT GROUP—FORT GEORGE.						
	I.—GENERAL DISEASES.						
8	Whooping-cough	....	4	1	....	....	1
	DISEASES OF NERVOUS SYSTEM AND ORGANS OF SPECIAL SENSE.						
64	Cerebral hæmorrhage, apoplexy	....	....	....	....	....	....
69	Epilepsy	....	....	....	....	....	....
	III.—DISEASES OF THE CIRCULATORY SYSTEM.						
77A	Myocarditis	....	....	....	....	....	....
79	Organic diseases of the heart	....	....	....	....	....	....

JUNE (INCLUSIVE), 1919—*Continued.*

5 to 10 years.		10 to 20 years.		20 to 30 years.		30 to 40 years.		40 to 50 years.		50 to 60 years.		60 to 70 years.		70 to 80 years.		80 to 90 years.		90 and upwards.		Age not given.		Total by Sexes.		Total Deaths.
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
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CAUSES OF DEATH, JULY, 1918, TO

Classification No.	CAUSE OF DEATH. (After the Bertillon Classification Causes of Death, Second International Decennial Revision, Paris, 1909.)	Under 1 year.		1 to 2 years.		2 to 5 years.	
	ASHCROFT GROUP—FORT GEORGE—*Concluded.*	M.	F.	M.	F.	M.	F.
	IV.—DISEASES OF THE RESPIRATORY SYSTEM.						
92A	Lobar pneumonia	....	....	....	....	....	....
92D	Pneumonia following influenza	....	2	1	....	3	....
	V.—DISEASES OF THE DIGESTIVE SYSTEM.						
109	Hernia, intestinal obstruction	....	....	....	....	....	....
	VI.—NON-VENEREAL DISEASES OF GENITO-URINARY SYSTEM AND ANNEXA.						
119	Acute nephritis	....	....	....	....	....	....
	VII.—THE PUERPERAL STATE.						
135	Puerperal hæmorrhage	....	....	....	....	....	....
137D	Eclampsia	....	....	....	....	....	....
	XI.—DISEASES OF EARLY INFANCY.						
153A	Still-born	1	2	....	....	....	....
	XIII.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
170	Traumatism by fire-arms	....	....	....	....	....	....
		1	8	2	....	3	1
	ASHCROFT GROUP—TETE JAUNE.						
	I.—GENERAL DISEASES.						
10	Influenza	....	....	....	....	....	....
	IV.—DISEASES OF THE RESPIRATORY SYSTEM.						
92D	Pneumonia following influenza	1	....	....	....	....	....
	XIII.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
159	Suicide by firearms	....	....	....	....	....	....
169	Accidental drowning	....	....	....	....	....	....
175	Traumatism by other crushing (railroad, landslides, vehicles, etc.)	....	....	....	....	....	....
175B	Traumatism by snowslide	....	....	....	....	....	....
		1	....	....	....	....	....
	ASHCROFT GROUP—CLINTON.						
	IV.—DISEASES OF THE RESPIRATORY SYSTEM.						
92D	Pneumonia following influenza	....	....	....	....	....	1
	VII.—THE PUERPERAL STATE.						
135	Puerperal hæmorrhage	....	....	....	....	....	....
	XI.—DISEASES OF EARLY INFANCY.						
153B	Premature	1	....	....	....	....	....
	XIV.—ILL-DEFINED DISEASES.						
189	Cause of death not specified or ill-defined	....	....	....	....	....	....
		1	....	....	1	....	....
	ASHCROFT GROUP—LILLOOET.						
	I.—GENERAL DISEASES.						
28	Tuberculosis of the lungs	....	....	....	....	....	....
37A	Syphilis, congenital	1	....	....	....	....	....

JUNE (INCLUSIVE), 1919—*Continued.*

5 to 10 years.		10 to 20 years.		20 to 30 years.		30 to 40 years.		40 to 50 years.		50 to 60 years.		60 to 70 years.		70 to 80 years.		80 to 90 years.		90 and upwards.		Age not given.		Total by Sexes.		Total Deaths.
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
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CAUSES OF DEATH, JULY, 1918, TO

Classification No.	CAUSE OF DEATH. (After the Bertillon Classification Causes of Death, Second International Decennial Revision, Paris, 1909.)	Under 1 year.		1 to 2 years.		2 to 5 years.	
	ASHCROFT GROUP—LILLOOET—*Concluded.*	M.	F.	M.	F.	M.	F.
	III.—DISEASES OF THE CIRCULATORY SYSTEM.						
79	Organic diseases of the heart	....	....	....	....	....	....
79B	Valvular disease	....	....	....	....	....	....
	IV.—DISEASES OF THE RESPIRATORY SYSTEM.						
92D	Pneumonia following influenza	....	....	....	....	....	....
	XII.—OLD AGE.						
154	Senility	....	....	....	....	....	....
	XIV.—ILL-DEFINED DISEASES.						
189	Cause of death not specified or ill-defined	....	....	....	....	....	....
		1	....	....	....	....	....
	ASHCROFT GROUP—QUESNEL.						
	I.—GENERAL DISEASES.						
28	Tuberculosis of the lungs	....	....	....	....	....	....
	IV.—DISEASES OF THE RESPIRATORY SYSTEM.						
92D	Pneumonia following influenza	....	....	....	....	....	....
98A	Œdema of lungs	....	....	....	....	....	....
	VI.—NON-VENEREAL DISEASES OF GENITO-URINARY SYSTEM AND ANNEXA.						
119	Acute nephritis	....	....	....	....	....	....
		....	....	....	....	....	....
	ASHCROFT GROUP—150-MILE HOUSE.						
	I.—GENERAL DISEASES.						
31	Abdominal tuberculosis	....	....	....	....	....	....
	IV.—DISEASES OF THE RESPIRATORY SYSTEM.						
92D	Pneumonia following influenza	....	....	....	1	....	....
	XI.—DISEASES OF EARLY INFANCY.						
151	Congenital debility, icterus, and sclerema	1	....	1	....	....	....
	XII.—OLD AGE.						
154	Senility	....	....	....	....	....	....
	XIII.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
169	Accidental drowning	....	....	....	....	....	....
		1	....	1	1	....	....
	ASHCROFT GROUP—YALE.						
	II.—DISEASES OF NERVOUS SYSTEM AND ORGANS OF SPECIAL SENSE.						
64	Cerebral hæmorrhage, apoplexy	....	....	....	....	....	....
	IV.—DISEASES OF THE RESPIRATORY SYSTEM.						
92D	Pneumonia following influenza	....	....	....	....	....	....
	XI.—DISEASES OF EARLY INFANCY.						
151	Congenital debility, icterus, and sclerema	....	1	....	....	....	....

JUNE (INCLUSIVE), 1919—*Continued.*

5 to 10 years.		10 to 20 years.		20 to 30 years.		30 to 40 years.		40 to 50 years.		50 to 60 years.		60 to 70 years.		70 to 80 years.		80 to 90 years.		90 and upwards.		Age not given.		Total by Sexes.		Total Deaths.
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
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CAUSES OF DEATH, JULY, 1918, TO

Classification No.	CAUSE OF DEATH. (After the Bertillon Classification Causes of Death, Second International Decennial Revision, Paris, 1909.)	Under 1 year.		1 to 2 years.		2 to 5 years.	
	ASHCROFT GROUP—YALE—*Concluded.*	M.	F.	M.	F.	M.	F.
	XIII.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
175	Traumatism by other crushing (railroad, landslides, vehicles, etc.)	....	....	....	....	....	....
	XIV.—ILL-DEFINED DISEASES.						
189	Cause of death not specified or ill-defined	....	....	....	....	1	....
		....	1	....	....	1	....
	FAIRVIEW GROUP—FAIRVIEW.						
	I.—GENERAL DISEASES.						
10	Influenza	....	....	1	....	....	....
20	Purulent infection and septicæmia	....	....	....	....	....	....
28	Tuberculosis of the lungs	....	....	....	....	....	....
39F	Cancer of throat	....	....	....	....	....	....
40	Cancer and other malignant tumours of the stomach, liver	....	....	....	....	....	....
50	Diabetes	....	....	....	....	....	1
54A	Anæmia, pernicious	....	....	....	....	....	....
	II.—DISEASES OF NERVOUS SYSTEM AND ORGANS OF SPECIAL SENSE.						
66	Paralysis without specified cause	....	....	....	....	....	....
67	General paralysis of the insane	....	....	....	....	....	....
71	Convulsions of infants	....	....	1	....	....	....
	III.—DISEASES OF THE CIRCULATORY SYSTEM.						
79B	Valvular disease	....	....	....	....	....	....
79D	Fatty degeneration of heart	....	....	....	....	....	....
	IV.—DISEASES OF THE RESPIRATORY SYSTEM.						
87	Diseases of the larynx	....	1	....	....	....	....
92	Pneumonia	....	....	....	....	....	....
92D	Pneumonia following influenza	....	....	....	1	....	....
96	Asthma	....	....	....	....	....	....
	V.—DISEASES OF THE DIGESTIVE SYSTEM.						
108	Appendicitis and typhlitis	....	....	....	....	....	....
109	Hernia, intestinal obstruction	....	....	....	....	....	....
113	Cirrhosis of the liver	....	....	....	....	....	....
117A	Peritonitis-appendicitis	....	....	....	....	....	....
	VII.—THE PUERPERAL STATE.						
137	Puerperal septicæmia	....	....	....	....	....	....
	X.—MALFORMATIONS.						
150	Congenital malformation (still-births not included)	1	....	....	....	....	....
	XI.—DISEASES OF EARLY INFANCY.						
151B	Non-assimilation of food	1	1	....	....	....	....
	XIII.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
166	Conflagration	....	....	....	....	....	....
169	Accidental drowning	....	....	....	....	....	....
172	Traumatism by fall	....	....	....	....	....	....
		2	2	2	1	....	1
	FAIRVIEW GROUP—GREENWOOD.						
	I.—GENERAL DISEASES.						
9	Diphtheria	....	....	....	....	1	....
10	Influenza	....	1	....	....	....	....
39C	Cancer of œsophagus	....	....	....	....	....	....
39F	Cancer of throat	....	....	....	....	....	....
50	Diabetes	....	....	....	....	....	....
	II.—DISEASES OF NERVOUS SYSTEM AND ORGANS OF SPECIAL SENSE.						
64	Cerebral hæmorrhage, apoplexy	....	....	....	....	....	....

JUNE (INCLUSIVE), 1919—*Continued.*

5 to 10 years.		10 to 20 years.		20 to 30 years.		30 to 40 years.		40 to 50 years.		50 to 60 years.		60 to 70 years.		70 to 80 years.		80 to 90 years.		90 and upwards.		Age not given.		Total by Sexes.		Total Deaths.
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
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CAUSES OF DEATH, JULY, 1918, TO

Classification No.	CAUSE OF DEATH. (After the Bertillon Classification Causes of Death, Second International Decennial Revision, Paris, 1909.)	Under 1 year.		1 to 2 years.		2 to 5 years.	
	FAIRVIEW GROUP—GREENWOOD—*Concluded.*	M.	F.	M.	F.	M.	F.
	IV.—DISEASES OF THE RESPIRATORY SYSTEM.						
92D	Pneumonia following influenza	...	....	....	....	1	....
	VI.—NON-VENEREAL DISEASES OF GENITO-URINARY SYSTEM AND ANNEXA.						
120A	Uræmia	....	....	....	....	....	....
	XI.—DISEASES OF EARLY INFANCY.						
151	Congenital debility, icterus, and sclerema	....	1	....	....	....	....
	XIII.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
159	Suicide by firearms	....	....	....	....	....	....
169	Accidental drowning	....	....	....	....	....	....
173	Traumatism in mines and quarries	....	....	....	....	....	....
186	Other external violence	....	....	....	....	....	....
	XIV.—ILL-DEFINED DISEASES.						
189	Cause of death not specified or ill-defined	....	....	....	....	....	....
		....	2	....	....	2	....
	FAIRVIEW GROUP—GRAND FORKS.						
	I.—GENERAL DISEASES.						
1	Typhoid fever	....	....	....	....	....	....
10	Influenza	1	....	....	....	....	....
28	Tuberculosis of the lungs	....	....	....	....	....	....
33A	Tuberculosis of joint	....	....	....	....	....	....
40	Cancer and other malignant tumours of the stomach, liver	....	....	....	....	....	....
50	Diabetes	....	....	....	....	....	....
	II.—DISEASES OF NERVOUS SYSTEM AND ORGANS OF SPECIAL SENSE.						
64	Cerebral hæmorrhage, apoplexy	....	....	....	....	....	....
	III.—DISEASES OF THE CIRCULATORY SYSTEM.						
79	Organic diseases of the heart	....	....	....	....	....	....
79B	Valvular disease	....	....	....	....	....	....
	IV.—DISEASES OF THE RESPIRATORY SYSTEM.						
91	Bronchopneumonia	....	1	....	....	....	....
92	Pneumonia	....	....	....	....	....	....
92D	Pneumonia following influenza	....	....	....	1	....	1
	V.—DISEASES OF THE DIGESTIVE SYSTEM.						
108	Appendicitis and typhlitis	....	....	....	....	....	....
	VI.—NON-VENEREAL DISEASES OF GENITO-URINARY SYSTEM AND ANNEXA.						
119	Acute nephritis	....	....	....	....	....	....
120A	Uræmia	....	....	....	....	....	....
	XI.—DISEASES OF EARLY INFANCY.						
151B	Non-assimilation of food	....	1	....	....	....	....
153B	Premature	2	1	....	....	....	....
	XII.—OLD AGE.						
154	Senility	....	....	....	....	....	....
	XIII.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
164	Poisoning by food	....	....	....	....	1	....
175	Traumatism by other crushing (railroad, landslides, vehicles, etc.)	....	....	....	1	....	....
186A	Bite of wood-tick	....	....	....	1	....	....
	XIV.—ILL-DEFINED DISEASES.						
189	Cause of death not specified or ill-defined	....	....	....	....	1	....
		3	3	....	3	2	1

JUNE (INCLUSIVE), 1919—*Continued.*

5 to 10 years.		10 to 20 years.		20 to 30 years.		30 to 40 years.		40 to 50 years.		50 to 60 years.		60 to 70 years.		70 to 80 years.		80 to 90 years.		90 and upwards.		Age not given.		Total by Sexes.		Total Deaths.
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
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CAUSES OF DEATH, JULY, 1918, TO

Classification No.	CAUSE OF DEATH. (After the Bertillon Classification Causes of Death, Second International Decennial Revision, Paris, 1909.)	Under 1 year.		1 to 2 years.		2 to 5 years.	
	FAIRVIEW GROUP—KAMLOOPS.	M.	F.	M.	F.	M.	F.
	I.—GENERAL DISEASES.						
1	Typhoid fever	....	....	....	....	....	....
10	Influenza	....	....	....	....	....	....
14	Dysentery	....	..	....	....	....	....
28	Tuberculosis of the lungs	....	....	....	....	....	....
39A	Cancer of face	....	....	....	....	....	..
39C	Cancer of œsophagus	....	....	....	....	....	....
39D	Cancer of throat	....	....	....	....	....	....
40	Cancer and other malignant tumours of the stomach, liver	....	....	....	....	....	....
41	Cancer and other malignant tumours of the peritoneum, intestines, rectum	....	....	....	....	....	....
42	Cancer and other malignant tumours of the female genital organs	....	..	....	....	....	....
43	Cancer and other malignant tumours of the breast	....	....	....	....	....	....
45	Cancer and other malignant tumours of other organs, and of organs not specified	....	....	....	....	....	....
50	Diabetes	....	....	....	....	....	....
51A	Goitre not specified	....	1	....	....	....	....
53	Leuchæmia	....	....	....	....	....	....
54A	Anæmia, pernicious	....	....	....	....	....	....
	II.—DISEASES OF NERVOUS SYSTEM AND ORGANS OF SPECIAL SENSE.						
61	Meningitis	1	....	....	....	1	....
64	Cerebral hæmorrhage, apoplexy	....	....	....	....	....	....
66	Paralysis without specified cause	....	....	....	....	....	....
67	General paralysis of the insane	....	....	....	....	....	....
71	Convulsions of infants	1	1	1	....	....	....
73	Neuralgia and neuritis	....	....	....	....	....	....
	III.—DISEASES OF THE CIRCULATORY SYSTEM.						
77A	Myocarditis	....	....	....	....	....	....
78	Acute endocarditis	....	....	....	....	....	....
78A	Endocarditis following rheumatism	....	....	....	....	....	....
79	Organic diseases of the heart	....	....	....	....	....	....
79B	Valvular disease	....	....	....	....	....	....
81C	Arteriosclerosis	....	....	....	....	....	....
82	Embolism and thrombosis	....	....	....	....	....	....
	IV.—DISEASES OF THE RESPIRATORY SYSTEM.						
91	Bronchopneumonia	....	1	....	....	....	....
92	Pneumonia	....	....	....	....	....	....
92A	Lobar pneumonia	....	....	....	....	....	....
92D	Pneumonia following influenza	2	1	....	....	1	....
98A	Œdema of lungs	....	....	....	....	....	....
	V.—DISEASES OF THE DIGESTIVE SYSTEM.						
104	Diarrhœa and enteritis (under 2 years)	1	1	....	....	....	....
105	Diarrhœa and enteritis (2 years and over)	....	....	....	....	....	....
109	Hernia, intestinal obstruction	....	....	....	....	....	....
112	Hydatid tumour of the liver	....	....	....	....	....	....
118	Other diseases of the digestive system (cancer and tuberculosis excepted)	....	....	....	....	....	....
	VI.—NON-VENEREAL DISEASES OF GENITO-URINARY SYSTEM AND ANNEXA.						
120	Bright's disease	....	....	....	....	....	....
120A	Uræmia	....	....	....	....	....	....
122	Other diseases of the kidneys and annexa	....	....	....	....	....	....
126	Diseases of the prostate	....	....	....	....	....	....
	VII.—THE PUERPERAL STATE.						
137D	Eclampsia	....	....	....	....	....	....
	VIII.—DISEASES OF THE SKIN AND OF THE CELLULAR TISSUE.						
142	Gangrene	....	....	....	....	....	....
	XI.—DISEASES OF EARLY INFANCY.						
151B	Non-assimilation of food	1	....	....	....	....	....
152	Other diseases peculiar to early infancy	....	1	....	....	....	....
153A	Atelectasis	2	....	....	....	....	....
153B	Premature	3	1	....	....	....	....
	XII.—OLD AGE.						
154	Senility	....	....	....	....	....	....

JUNE (INCLUSIVE), 1919—*Continued.*

5 to 10 years.		10 to 20 years.		20 to 30 years.		30 to 40 years.		40 to 50 years.		50 to 60 years.		60 to 70 years.		70 to 80 years.		80 to 90 years.		90 and upwards.		Age not given.		Total by Sexes.		Total Deaths.
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
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CAUSES OF DEATH, JULY, 1918, TO

Classification No.	CAUSE OF DEATH. (After the Bertillon Classification Causes of Death, Second International Decennial Revision, Paris, 1909.)	Under 1 year.		1 to 2 years.		2 to 5 years.	
	FAIRVIEW GROUP—KAMLOOPS—*Concluded.*	M.	F.	M.	F.	M.	F.
	XIII.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
158	Suicide by drowning	....	....	....	....	....	....
159	Suicide by firearms	....	....	....	....	....	....
169	Accidental drowning	....	....	....	....	....	....
175	Traumatism by other crushing (railroad, landslides, vehicles, etc.)	....	....	....	....	....	....
182A	Accidently smothered in bed	1	....	....	....	....	....
186	Other external violence	....	....	....	....	....	....
	XIV.—ILL-DEFINED DISEASES.						
187	Ill-defined organic disease	....	....	....	....	....	....
187A	Dropsy	....	....	....	....	....	....
		12	7	1	....	2	....
	FAIRVIEW GROUP—NICOLA.						
	I.—GENERAL DISEASES.						
28	Tuberculosis of the lungs	....	....	....	....	....	....
	III.—DISEASES OF THE CIRCULATORY SYSTEM.						
77A	Myocarditis	....	....	....	....	....	....
79G	Mitral stenosis	....	....	....	....	....	....
	IV.—DISEASES OF THE RESPIRATORY SYSTEM.						
92D	Pneumonia following influenza	....	....	....	....	....	....
	V.—DISEASES OF THE DIGESTIVE SYSTEM.						
110A	Enterocolitis	....	....	....	....	....	....
	XI.—DISEASES OF EARLY INFANCY.						
153B	Premature	1	1	....	....	....	....
	XIII.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
169	Accidental drowning	....	....	....	....	....	....
173	Traumatism in mines and quarries	....	....	....	....	....	....
		1	1	....	....	....	....
	FAIRVIEW GROUP—PRINCETON.						
	I.—GENERAL DISEASES.						
8	Whooping-cough	....	....	1	....	....	....
10	Influenza	....	....	....	....	....	....
20	Purulent infection and septicæmia	1	....	....	....	....	....
	II.—DISEASES OF NERVOUS SYSTEM AND ORGANS OF SPECIAL SENSE.						
71	Convulsions of infants	2	....	....	....	....	....
	III.—DISEASES OF THE CIRCULATORY SYSTEM.						
79	Organic diseases of the heart	....	....	....	....	....	....
79E	Mitral regurgitation	....	....	....	....	....	....
85	Hæmorrhage	....	....	....	....	....	....
	IV.—DISEASES OF THE RESPIRATORY SYSTEM.						
92A	Lobar pneumonia	....	....	....	....	....	....
92D	Pneumonia following influenza	....	....	....	....	....	1
98A	Œdema of lungs	....	....	....	....	....	....
	V.—DISEASES OF THE DIGESTIVE SYSTEM.						
110	Other diseases of the intestines	....	....	....	....	....	....
	XI.—DISEASES OF EARLY INFANCY.						
151B	Non-assimilation of food	....	1	....	....	....	....
153A	Still-born	....	1	....	....	....	....

JUNE (INCLUSIVE), 1919—*Continued.*

5 to 10 years.		10 to 20 years.		20 to 30 years.		30 to 40 years.		40 to 50 years.		50 to 60 years.		60 to 70 years.		70 to 80 years.		80 to 90 years.		90 and upwards.		Age not given.		Total by Sexes.		Total Deaths.
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
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														1								1		1
				1									1									1	1	2
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3		7	3	27	17	34	16	12	3	21	8	13	6	14	2	5	2	2	1		1	150	69	219
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CAUSES OF DEATH, JULY, 1918, TO

Classification No.	CAUSE OF DEATH. (After the Bertillon Classification Causes of Death, Second International Decennial Revision, Paris, 1909.)	Under 1 year.		1 to 2 years.		2 to 5 years.	
	FAIRVIEW GROUP—PRINCETON—*Concluded.*	M.	F.	M.	F.	M.	F.
	XIII.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
172	Traumatism by fall	....	....	....	....	....	....
175	Traumatism by other crushing (railroad, landslides, vehicles, etc.)	....	....	....	....	....	....
	XIV.—ILL-DEFINED DISEASES.						
187A	Dropsy	....	....	....	....	....	....
		3	2	1	....	....	1
	FAIRVIEW GROUP—VERNON.						
	I.—GENERAL DISEASES.						
10	Influenza	....	....	....	....	....	....
20	Purulent infection and septicæmia	....	....	....	....	....	....
28	Tuberculosis of the lungs	....	....	....	1	1	....
39F	Cancer of throat	....	....	....	....	....	....
40	Cancer and other malignant tumours of the stomach, liver	....	....	....	....	....	....
42	Cancer and other malignant tumours of the female genital organs	....	....	....	....	....	....
43	Cancer and other malignant tumours of the breast	....	....	....	....	....	....
46	Other tumours (tumours of the female genital organs excepted)	....	....	....	....	....	....
50	Diabetes	....	1	....	....	....	....
51	Exophthalmic goitre	....	....	....	....	....	....
54A	Anæmia, pernicious	....	....	....	....	1	....
	II.—DISEASES OF NERVOUS SYSTEM AND ORGANS OF SPECIAL SENSE.						
61	Meningitis	....	....	....	....	....	....
62	Locomotor ataxia	....	....	....	....	....	....
64	Cerebral hæmorrhage, apoplexy	....	....	....	....	....	....
66	Paralysis without specified cause	....	....	....	....	....	....
69	Epilepsy	....	....	....	....	....	....
71	Convulsions of infants	1	....	....	....	....	....
	III.—DISEASES OF THE CIRCULATORY SYSTEM.						
77A	Myocarditis	....	....	....	....	....	....
78	Acute endocarditis	....	....	....	....	....	....
78A	Endocarditis following rheumatism	....	....	....	....	....	....
78B	Cardiac dropsy	....	....	....	....	....	....
79	Organic diseases of the heart	....	....	....	....	....	....
79E	Mitral regurgitation	....	....	....	....	....	1
80	Angina pectoris	....	....	....	....	....	....
81B	Aneurism	....	....	....	....	....	....
82	Embolism and thrombosis	....	....	....	....	....	....
	IV.—DISEASES OF THE RESPIRATORY SYSTEM.						
91	Bronchpneumonia	1	....	....	....	....	....
92	Pneumonia	....	....	....	....	1	....
92D	Pneumonia following influenza	....	....	....	1	5	....
98A	Œdema of lungs	....	....	....	....	....	....
	V.—DISEASES OF THE DIGESTIVE SYSTEM.						
100	Diseases of the pharynx	....	....	....	....	....	1
102	Ulcer of the stomach	....	....	....	....	....	....
103B	Ileocolitis	....	1	....	....	....	....
104	Diarrhœa and enteritis (under 2 years)	1	1	....	....	....	....
105	Diarrhœa and enteritis (2 years and over)	....	....	....	....	1	1
110	Other diseases of the intestines	....	....	....	....	....	....
117	Simple peritonitis (non-puerperal)	....	....	....	....	....	....
117A	Peritonitis-appendicitis	....	....	....	....	....	....
	VI.—NON-VENEREAL DISEASES OF GENITO-URINARY SYSTEM AND ANNEXA.						
119	Acute nephritis	....	....	....	....	....	....
120A	Uræmia	....	....	....	....	....	....
	VII.—THE PUERPERAL STATE.						
136	Other accidents of labour	....	....	....	....	....	....
	VIII.—DISEASES OF THE SKIN AND OF THE CELLULAR TISSUE.						
144	Phlegmon, acute abscess	....	....	....	....	....	....

JUNE (INCLUSIVE), 1919—*Continued.*

5 to 10 years.		10 to 20 years.		20 to 30 years.		30 to 40 years.		40 to 50 years.		50 to 60 years.		60 to 70 years.		70 to 80 years.		80 to 90 years.		90 and upwards.		Age not given.		Total by Sexes.		Total Deaths.
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
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CAUSES OF DEATH, JULY, 1918, TO

Classification No.	CAUSE OF DEATH. (After the Bertillon Classification Causes of Death, Second International Decennial Revision, Paris, 1909.)	Under 1 year.		1 to 2 years.		2 to 5 years.	
	FAIRVIEW GROUP—VERNON—*Concluded.*	M.	F.	M.	F.	M.	F.
	X.—MALFORMATIONS.						
150	Congenital malformation (still-births not included)	3	1	....	....	....	....
	XI.—DISEASES OF EARLY INFANCY.						
151	Congenital debility, icterus, and sclerema	1	1	....	....	....	....
151B	Non-assimilation of food	2	....	....	....	....	....
152A	Atelectasis	2	....	....	....	....	....
153A	Still-born	....	3	....	....	....	....
153B	Premature	3	....	....	....	....	....
	XIII.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
169	Accidental drowning	....	....	....	....	1	....
171A	Traumatism by falling tree	....	....	....	....	....	....
175	Traumatism by other crushing (railroad, landslides, vehicles, etc.)	....	....	....	....	....	....
	XIV.—ILL-DEFINED DISEASES.						
187A	Dropsy	....	....	....	....	....	....
		14	8	....	2	10	3
	VANCOUVER DIVISION—VANCOUVER CITY.						
	1.—GENERAL DISEASES.						
1	Typhoid fever	....	....	....	....	....	....
8	Whooping-cough	1	3	....	....	....	1
9	Diphtheria	....	....	....	....	....	....
10	Influenza	1	1	2	....	2	2
14	Dysentery	....	....	....	....	....	1
18	Erysipelas	....	....	....	....	1	....
20	Purulent infection and septicæmia	2	....	....	....	....	1
28	Tuberculosis of the lungs	....	....	....	....	2	....
29	Acute miliary tuberculosis	1	....	....	....	....	....
30	Tubercular meningitis	2	3	1	1	2	1
30A	Tubercular peritonitis	....	....	....	....	....	....
32	Pott's disease	....	....	....	....	....	....
32A	Tuberculosis of spine	....	....	....	....	....	....
34	Tuberculosis of other organs	....	....	....	....	....	....
34D	Miliary tuberculosis	....	1	....	....	....	....
35A	Tuberculosis not specified	....	....	....	....	....	....
37	Syphilis	....	....	....	....	....	....
39	Cancer and other malignant tumours of the buccal cavity	....	....	....	....	....	....
39A	Cancer of face	....	....	....	....	....	....
39B	Cancer of jaw	....	....	....	....	....	....
39C	Cancer of œsophagus	....	....	....	....	....	....
39D	Cancer of larynx	....	....	....	....	....	....
39E	Cancer of pancreas	....	....	....	....	....	....
39F	Cancer of throat	....	....	....	....	....	....
40	Cancer and other malignant tumours of the stomach, liver	....	....	....	....	....	....
41	Cancer and other malignant tumours of the peritoneum, intestines, rectum	....	....	....	....	....	....
42	Cancer and other malignant tumours of the female genital organs	....	....	....	....	....	....
43	Cancer and other malignant tumours of the breast	....	....	....	....	....	....
44	Cancer and other malignant tumours of the skin	....	....	....	....	....	....
44A	Cancer of lung	....	....	....	....	....	....
44B	Cancer of prostate	....	....	....	....	....	....
45	Cancer and other malignant tumours of other organs, and of organs not specified	....	....	....	....	....	....
45A	Cancer of bladder, kidney, and annexa	....	....	....	....	....	....
46	Other tumours (tumours of the female genital organs excepted)	....	....	....	....	....	....
50	Diabetes	....	....	....	....	....	....
50B	Diabetic gangrene	....	....	....	....	....	....
51	Exophthalmic goitre	....	....	....	....	....	1
51A	Goitre not specified	....	....	....	....	....	....
53	Leuchæmia	....	....	....	....	....	....
54	Anæmia, pernicious	....	....	....	....	....	....
55A	Pupura hæmorrhagica	1	....	....	....	....	....
56	Alcoholism, acute	....	....	....	....	....	....
56A	Alcoholism, chronic	....	....	....	....	....	....
	II.—DISEASES OF NERVOUS SYSTEM AND ORGANS OF SPECIAL SENSE.						
61	Meningitis	1	....	1	2	2	1
61A	Pachymeningitis	....	....	....	....	....	....
61B	Traumatic meningitis	....	....	....	....	....	....
61C	Cerebrospinal meningitis	....	....	....	....	1	....

JUNE (INCLUSIVE), 1919—*Continued.*

5 to 10 years.		10 to 20 years.		20 to 30 years.		30 to 40 years.		40 to 50 years.		50 to 60 years.		60 to 70 years.		70 to 80 years.		80 to 90 years.		90 and upwards.		Age not given.		Total by Sexes.		Total Deaths.
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
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																						7	....	7

CAUSES OF DEATH, JULY, 1918, TO

Classification No.	CAUSE OF DEATH. (After the Bertillon Classification Causes of Death, Second International Decennial Revision, Paris, 1909.)	Under 1 year.		1 to 2 years.		2 to 5 years.	
	VANCOUVER DIVISION—VANCOUVER CITY—*Continued.*	M.	F.	M.	F.	M.	F.
	II.—DISEASES OF NERVOUS SYSTEM AND ORGANS OF SPECIAL SENSE—*Concluded.*						
63F	Hæmorrhage into spinal cord	....	....	....	....	....	....
64	Cerebral hæmorrhage, apoplexy	2	1	....	....	....	....
65	Softening of the brain	....	....	....	....	....	....
66	Paralysis without specified cause	....	....	....	....	....	....
68	Other forms of mental alienation	....	....	....	....	....	....
69	Epilepsy	....	....	....	....	....	....
70	Convulsions (non-puerperal)	....	....	....	....	....	....
71	Convulsions of infants	10	10	4	3	....	....
76	Diseases of the ears	....	....	....	1	....	....
	III.—DISEASES OF THE CIRCULATORY SYSTEM.						
77	Pericarditis	1	....	....	....	....	....
77A	Myocarditis	1	1	1	....	....	1
78	Acute endocarditis	....	....	....	....	....	....
78A	Endocarditis following rheumatism	....	....	....	....	....	2
79	Organic diseases of the heart	....	1	....	....	....	....
79B	Valvular disease	....	....	....	....	....	....
79E	Mitral regurgitation	....	....	....	..	....	....
80	Angina pectoris	....	....	....	....	....	....
81	Diseases of the arteries	....	....	....	....	....	....
81B	Aneurism	....	....	....	....	....	....
81C	Arteriosclerosis	....	..	....	....	....	....
82	Embolism and thrombosis	....	....	....	....	....	....
84	Diseases of the lymphatic system	....	....	....	....	....	....
84B	Hodgkin's disease	....	....	....	....	....	....
	IV.—DISEASES OF THE RESPIRATORY SYSTEM.						
88	Diseases of the thyroid body	....	....	....	....	....	....
89	Acute bronchitis	1	....	1	1	....	....
90	Chronic bronchitis	....	....	....	....	....	....
91	Bronchopneumonia	7	3	3	1	3	....
92	Pneumonia	4	1	1	1	1	1
92A	Lobar	2	1	....	1	1	1
92B	Following operation	....	....	....	....	....	....
92C	Septic pneumonia	....	....	....	....	....	....
92D	Pneumonia following influenza	5	12	3	7	13	12
92E	Hypostatic pneumonia	....	....	....	....	....	....
93	Pleurisy	....	....	....	....	....	....
94	Pulmonary congestion, pulmonary apoplexy	....	....	....	....	....	....
96	Asthma	1	....	....	....	..	....
98	Other organs of the respiratory system (tuberculosis excepted)	....	....	....	....	....	....
98A	Œdema of lungs	1	....	....	....	1	....
	V.—DISEASES OF THE DIGESTIVE SYSTEM.						
101	Diseases of the œsophagus	....	....	....	....	....	....
102	Ulcer of the stomach	....	....	....	....	....	....
103	Other diseases of the stomach (cancer excepted)	....	....	....	....	....	....
104	Diarrhœa and enteritis (under 2 years)	5	6	3	....	....	....
105	Diarrhœa and enteritis (2 years and over)	....	....	1	....	1	2
108	Appendicitis and typhlitis	....	....	....	....	....	....
109	Hernia, intestinal obstruction	2	....	....	....	....	....
110	Other diseases of the intestines	....	1	....	....	....	....
111	Acute yellow atrophy of the liver	....	....	....	....	....	....
112	Hydatid tumour of the liver	....	....	....	....	....	....
113	Cirrhosis of the liver	....	....	....	....	....	....
115	Other diseases of the liver	....	....	....	....	....	....
117	Simple peritonitis (non-puerperal)	....	....	....	....	....	....
	VI.—NON-VENEREAL DISEASES OF GENITO-URINARY SYSTEM AND ANNEXA.						
119	Acute nephritis	....	....	....	....	....	1
120	Bright's disease	....	....	....	....	....	....
120A	Uræmia	....	....	....	....	....	....
121	Chyluria	....	....	....	....	....	....
122	Other diseases of the kidneys and annexa	....	....	....	1	....	....
123	Calculi of the urinary passages	....	....	....	....	....	....
124A	Suppression of urine	....	....	....	....	....	....
125	Other diseases of the urethra, urinary abscess, etc.	....	....	....	....	....	....
126	Diseases of the prostate	....	....	....	....	....	....
128	Uterine hæmorrhage (non-puerperal)	....	....	....	....	....	....
129	Uterine tumour (non-cancerous)	....	....	....	....	....	....
130	Diseases of the uterus	....	....	....	....	....	....
131	Cysts and other tumours of the ovary	....	....	....	....	....	....
133A	Cholecystitis	....	....	....	....	....	....

JUNE (INCLUSIVE), 1919—*Continued.*

5 to 10 years.		10 to 20 years.		20 to 30 years.		30 to 40 years.		40 to 50 years.		50 to 60 years.		60 to 70 years.		70 to 80 years.		80 to 90 years.		90 and upwards.		Age not given.		Total by Sexes.		Total Deaths.
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
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....	....	1	1	2	....	....	....	3	1	1	....	2	1	....	....	....	....	....	....	....	....	9	3	12
....	1	2	....	....	1	....	1	1	1	2	....	....	....	....	2	....	1	....	....	....	....	5	9	14
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1	1	2	2	6	8	9	2	4	2	2	....	2	1	4	3	....	1	....	....	2	....	38	23	61
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CAUSES OF DEATH, JULY, 1918, TO

Classification No.	CAUSE OF DEATH. (After the Bertillon Classification Causes of Death, Second International Decennial Revision, Paris, 1909.)	Under 1 year.		1 to 2 years.		2 to 5 years.	
	VANCOUVER DIVISION—VANCOUVER CITY—*Concluded.*	M.	F.	M.	F.	M.	F.
	VII.—THE PUERPERAL STATE.						
135	Puerperal hæmorrhage	....	....	....	....	....	....
135A	Puerperal peritonitis	....	....	..	....	....	....
137	Puerperal septicæmia	....	....	....	....	....	....
137B	Uræmia of pregnancy	....	....	....	....	....	....
137D	Eclampsia	....	....	....	....	....	....
140	Following childbirth (not otherwise defined)	....	....	....	....	....	....
141A	Cæsarian section	....	....	....	....	....	....
141B	Chronic ectopic pregnancy	....	....	....	....	....	....
141C	Bronchopneumonia following intrumental delivery	....	....	....	....	....	....
141D	Vomitus matutinus	....	....	....	....	....	....
	VIII.—DISEASES OF THE SKIN AND OF THE CELLULAR TISSUE.						
142	Gangrene	....	....	....	....	....	....
145	Other diseases of the skin and annexa	....	1	....	....	....	....
145A	Pemphigus neonatorum	1	....	....	....	....	....
	IX.—DISEASES OF THE BONES AND ORGANS OF LOCOMOTION.						
146	Diseases of the bones (tuberculosis excepted)	....	....	1	....	....	....
	X.—MALFORMATIONS.						
150	Congenital malformation (still-births not included)	8	8	....	....	....	....
	XI.—DISEASES OF EARLY INFANCY.						
151	Congenital debility, icterus, and sclerema	4	1	....	....	....	....
151A	Accident of labour	1	....	....	....	....	....
151B	Non-assimilation of food	5	5	....	....	....	1
151C	Hydrocephalus	....	1	....	....	....	1
152	Other diseases peculiar to early infancy	2	2	....	....	....	....
152A	Atelectasis	2	2	....	....	....	....
153A	Still-born	44	33	..	....	....	....
153B	Premature	38	27	....	....	....	....
153C	Umbilical hæmorrhage	6	1	....	..	....	....
153D	Injury by forceps at birth	....	1	....	....	....	....
153E	Accidentally smothered in bed	1	1	....	....	....	....
	XII.—OLD AGE.						
154	Senility	....	....	....	....	....	....
	XIII.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
155	Suicide by poison	....	....	....	....	....	....
157	Suicide by hanging or strangulation	....	....	....	....	....	....
158	Suicide by drowning	....	....	....	....	....	....
160	Suicide by cutting or piercing instruments	....	....	....	....	....	....
161	Suicide by jumping from a high place	....	....	....	....	....	....
165	Other acute poisonings	1	....	....	....	....	2
166	Conflagration	....	....	....	....	....	....
167	Burns (conflagration excepted)	....	....	....	....	....	....
168	Absorption of deleterious gases (conflagration excepted)	....	....	....	....	1	....
169	Accidental drowning	....	....	....	....	1	....
169A	Traumatism in logging camp and sawmill	....	....	....	....	....	....
172	Traumatism by fall	....	....	....	....	....	....
173	Traumatism in mines and quarries	....	....	....	....	....	....
174	Traumatism by machines	1	....	....	....	....	....
175	Traumatism by other crushing (railroad, landslides, vehicles, etc.)	....	....	....	....	1	....
175A	Traumatism not specified	....	....	....	....	....	....
176	Injuries by animals	....	....	....	....	....	....
181	Electricity (lightning excepted)	....	....	....	....	....	....
182	Homicide by firearms	....	....	....	....	....	....
182A	Accidentally smothered, overlaid	1	....	....	....	....	....
182B	Traumatism by explosion	....	....	....	....	....	....
182C	Morphinism	....	....	....	....	....	....
184	Homicide by other means	....	....	....	....	....	....
185	Fractures (causes not specified)	....	....	....	....	....	....
186	Other external violence	....	....	....	....	....	....
186A	Smothered	1	1	....	....	....	....
	XIV.—ILL-DEFINED DISEASES.						
187A	Dropsy	....	....	....	....	....	....
189	Cause of death not specified or ill-defined	....	....	1	....	....	....
189B	Infanticide	....	1	....	....	....	....
		167	130	23	19	33	32

JUNE (INCLUSIVE), 1919—*Continued.*

5 to 10 years.		10 to 20 years.		20 to 30 years.		30 to 40 years.		40 to 50 years.		50 to 60 years.		60 to 70 years.		70 to 80 years.		80 to 90 years.		90 and upwards.		Age not given.		Total by Sexes.		Total Deaths.
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
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18	25	72	50	222	179	372	179	198	67	118	68	100	60	59	49	16	19	2	5	10	2	1410	884	2,294

CAUSES OF DEATH, JULY, 1918, TO

Classification No.	CAUSE OF DEATH. (After the Bertillon Classification Causes of Death, Second International Decennial Revision, Paris, 1909.)	Under 1 year.		1 to 2 years.		2 to 5 years.	
	VANCOUVER DIVISION—SOUTH VANCOUVER.	M.	F.	M.	F.	M.	F.
	I.—GENERAL DISEASES.						
6	Measles	....	....	....	1	....	....
9	Diphtheria	....	....	....	....	....	....
10	Influenza	....	1	....	1	....	1
14	Dysentery	....	....	....	....	....	....
28	Tuberculosis of the lungs	....	....	....	....	....	....
30	Tubercular meningitis	....	....	....	....	1	....
30A	Tubercular peritonitis	....	....	....	....	....	....
32A	Tuberculosis of the spine	....	....	....	....	....	....
39C	Cancer of œsophagus	....	....	....	....	....	....
40	Cancer and other malignant tumours of the stomach, liver	....	....	....	....	....	....
43	Cancer and other malignant tumours of the breast	....	....	....	....	....	....
45	Cancer and other malignant tumours of other organs, and of organs not specified	....	....	....	....	....	....
45A	Cancer of bladder	....	....	....	....	....	....
50	Diabetes	....	....	....	....	....	....
54A	Anæmia, pernicious	....	1	....	....	....	....
	II.—DISEASES OF NERVOUS SYSTEM AND ORGANS OF SPECIAL SENSE.						
61	Meningitis	1	....	....	....	....	....
64	Cerebral hæmorrhage, apoplexy	....	....	....	....	....	....
69	Epilepsy	....	....	....	....	....	....
76	Diseases of the ears	....	....	....	....	....	....
	III.—DISEASES OF THE CIRCULATORY SYSTEM.						
77	Pericarditis	....	....	....	....	....	....
77A	Myocarditis	....	....	....	....	....	....
78	Acute endocarditis	....	....	....	....	....	....
78A	Endocarditis following rheumatism	....	....	....	....	....	....
78B	Cardiac dropsy	....	....	....	....	....	....
79	Organic diseases of the heart	....	....	....	....	....	....
79B	Valvular disease	....	....	....	....	....	....
81B	Aneurism	....	....	....	....	....	....
81C	Arteriosclerosis	....	....	....	....	....	....
	IV.—DISEASES OF THE RESPIRATORY SYSTEM.						
89	Acute bronchitis	....	....	1	....	....	....
90	Chronic bronchitis	....	....	....	....	....	....
91	Bronchopneumonia	1	2	....	....	....	....
92	Pneumonia	1	....	....	....	2	1
92A	Lobar	....	....	....	....	....	1
92D	Pneumonia following influenza	....	....	1	2	3	2
94	Pulmonary congestion, pulmonary apoplexy	....	....	....	....	....	....
98A	Œdema of lungs	....	....	....	....	....	....
	V.—DISEASES OF THE DIGESTIVE SYSTEM.						
103	Other diseases of the stomach (cancer excepted)	1	....	....	....	....	....
104	Diarrhœa and enteritis (under 2 years)	2	....	....	....	....	....
	VI.—NON-VENEREAL DISEASES OF GENITO-URINARY SYSTEM AND ANNEXA.						
119	Acute nephritis	....	....	....	....	....	....
120	Bright's disease	....	....	....	....	....	....
120A	Uræmia	....	....	....	....	....	....
	X.—MALFORMATIONS.						
150	Congenital malformation (still-births not included)	....	1	....	....	....	....
	XI.—DISEASES OF EARLY INFANCY.						
151	Congenital debility, icterus, and sclerema	1	1	....	....	....	....
151A	Accident of labour	1	....	....	....	....	....
151B	Non-assimilation of food	1	....	....	....	....	....
152	Other diseases peculiar to early infancy	....	1	....	....	....	....
152B	Asphyxia	1	....	....	....	....	....
153A	Still-born	7	2	....	....	....	....
153B	Premature	4	....	....	....	....	....
	XII.—OLD AGE.						
154	Senility	....	....	....	....	....	....

JUNE (INCLUSIVE), 1919—*Continued.*

5 to 10 years.		10 to 20 years.		20 to 30 years.		30 to 40 years.		40 to 50 years.		50 to 60 years.		60 to 70 years.		70 to 80 years.		80 to 90 years.		90 and upwards.		Age not given.		Total by Sexes.		Total Deaths.
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
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CAUSES OF DEATH, JULY, 1918, TO

Classification No.	CAUSE OF DEATH. (After the Bertillon Classification Causes of Death, Second International Decennial Revision, Paris, 1909.)	Under 1 year.		1 to 2 years.		2 to 5 years.	
	VANCOUVER DIVISION—SOUTH VANCOUVER—*Concluded.*	M.	F.	M.	F.	M.	F.
	XIII.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
155	Suicide by poison	....	....	....	....	....	....
164	Poisoning by food	....	....	1	....	....	....
	XIV.—ILL-DEFINED DISEASES.						
187A	Dropsy	....	....	....	....	....	....
		21	9	3	4	6	5
	VANCOUVER DIVISION—POINT GREY.						
	I.—GENERAL DISEASES.						
10	Influenza	....	1	....	....	....	....
28	Tuberculosis of the lungs	....	....	....	....	....	....
30A	Tubercular peritonitis	....	....	....	....	....	....
40	Cancer and other malignant tumours of the stomach, liver	....	....	....	....	....	....
42	Cancer and other malignant tumours of the female genital organs	....	....	....	....	....	....
43	Cancer and other malignant tumours of the breast	....	....	....	....	....	....
44	Cancer and other malignant tumours of the skin	....	....	....	....	....	....
46	Other tumours (tumours of the female genital organs excepted)	....	....	....	....	....	....
50	Diabetes	....	....	....	....	....	....
	II.—DISEASES OF NERVOUS SYSTEM AND ORGANS OF SPECIAL SENSE.						
61	Meningitis	....	....	....	....	....	....
64	Cerebral hæmorrhage, apoplexy	....	....	....	....	....	....
66	Paralysis without specified cause	....	....	....	....	....	....
67	General paralysis of the insane	....	....	....	....	....	....
69	Epilepsy	....	....	....	....	....	....
71	Convulsions of infants	....	1	....	....	....	....
	III.—DISEASES OF THE CIRCULATORY SYSTEM.						
77	Pericarditis	....	....	....	....	....	....
77A	Myocarditis	....	....	....	....	....	....
79B	Valvular disease	....	....	....	....	....	....
81B	Aneurism	....	....	....	....	....	....
81C	Arteriosclerosis	....	....	....	....	....	....
	IV.—DISEASES OF THE RESPIRATORY SYSTEM.						
89	Acute bronchitis	....	....	....	....	....	....
91	Bronchopneumonia	1	....	....	....	....	....
92	Pneumonia	....	....	....	....	....	....
92A	Lobar	....	....	....	....	....	....
92D	Pneumonia following influenza	....	1	1	1	....	1
98	Other diseases of the respiratory system (tuberculosis excepted)	....	....	....	....	....	....
98A	Œdema of lungs	....	....	....	....	....	....
	V.—DISEASES OF THE DIGESTIVE SYSTEM.						
111	Acute yellow atrophy of the liver	....	....	....	....	....	....
	VI.—NON-VENEREAL DISEASES OF GENITO-URINARY SYSTEM AND ANNEXA.						
119	Acute nephritis	....	....	....	....	....	....
120A	Uræmia	....	1	....	....	....	....
129	Uterine tumour (non-cancerous)	....	....	....	....	....	....
	IX.—DISEASES OF THE BONES AND ORGANS OF LOCOMOTION.						
147	Diseases of the joints (tuberculosis and rheumatism excepted)	....	....	....	....	....	....
	X.—MALFORMATIONS.						
150	Congenital malformation (still-births not included)	....	1	....	....	....	....
	XI.—DISEASES OF EARLY INFANCY.						
153A	Still-born	....	2	....	....	....	....
	XII.—OLD AGE.						
154	Senility	....	....	....	....	....	....

JUNE (INCLUSIVE), 1919—*Continued.*

5 to 10 years.		10 to 20 years.		20 to 30 years.		30 to 40 years.		40 to 50 years.		50 to 60 years.		60 to 70 years.		70 to 80 years.		80 to 90 years.		90 and upwards.		Age not given.		Total by Sexes.		Total Deaths.
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
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CAUSES OF DEATH, JULY, 1918, TO

Classification No.	CAUSE OF DEATH. (After the Bertillon Classification Causes of Death, Second International Decennial Revision, Paris, 1909.)	Under 1 year.		1 to 2 years.		2 to 5 years.	
	VANCOUVER DIVISION—POINT GREY—*Concluded.*	M.	F.	M.	F.	M.	F.
	XIII.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
157	Suicide by hanging or strangulation	....	....	....	....	....	....
158	Suicide by drowning	....	....	....	....	....	....
161	Suicide by jumping from a high place	....	....	....	....	....	....
169	Accidental drowning	....	....	....	....	....	....
170	Traumatism by firearms	....	....	....	....	....	....
175	Traumatism by other crushing (railroad, landslides, vehicles, etc.)	....	....	....	....	....	....
		1	7	1	1	....	1
	VANCOUVER DIVISION—NORTH VANCOUVER CITY.						
	I.—GENERAL DISEASES.						
6	Measles	1	....	....	....	....	....
8	Whooping-cough	1	....	....	....	....	....
9	Diphtheria	....	....	....	....	....	1
10	Influenza	....	....	....	1	....	....
28	Tuberculosis of the lungs	....	1	....	....	....	....
34	Tuberculosis of other organs	....	....	....	....	....	....
40	Cancer and other malignant tumours of the stomach, liver	....	....	....	....	....	....
42	Cancer and other malignant tumours of the female genital organs	....	....	....	....	....	....
43	Cancer and other malignant tumours of the breast	....	....	....	....	....	....
	II.—DISEASES OF NERVOUS SYSTEM AND ORGANS OF SPECIAL SENSE.						
61	Meningitis	....	....	....	....	....	....
64	Cerebral hæmorrhage, apoplexy	....	....	....	....	....	....
69	Epilepsy	....	....	....	....	....	....
71	Convulsions of infants	1	....	....	....	....	....
	III.—DISEASES OF THE CIRCULATORY SYSTEM.						
77A	Myocarditis	....	....	....	....	....	....
79	Organic diseases of the heart	....	....	....	....	....	....
80	Angina pectoris	....	....	....	....	....	....
	IV.—DISEASES OF THE RESPIRATORY SYSTEM.						
87	Diseases of the larynx	....	....	....	....	....	....
92	Pneumonia	....	....	1	....	1	....
92A	Lobar	....	....	....	....	....	....
92D	Pneumonia following influenza	....	....	2	2	2	1
	V.—DISEASES OF THE DIGESTIVE SYSTEM.						
102	Ulcer of the stomach	....	....	....	....	....	....
109	Hernia, intestinal obstruction	....	....	....	....	....	....
	VI.—NON-VENEREAL DISEASES OF GENITO-URINARY SYSTEM AND ANNEXA.						
119	Acute nephritis	....	....	....	....	....	....
120A	Uræmia	....	....	....	....	....	....
123	Calculi of the urinary passages	....	....	....	....	....	....
	X.—MALFORMATIONS.						
150	Congenital malformation (still-births not included)	....	1	....	....	....	....
	XI.—DISEASES OF EARLY INFANCY.						
151C	Hydrocephalus	1	....	....	....	....	....
153A	Still-born	4	6	....	....	....	....
153B	Premature	3	2	....	....	....	....
153E	Prolonged labour	1	....	....	....	....	....
	XII.—OLD AGE.						
154	Senility	....	....	....	....	....	....
	XIII.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
169	Accidental drowning	....	....	....	....	....	1
174	Traumatism by machines	....	....	....	....	....	....
		12	10	3	3	3	3

JUNE (INCLUSIVE), 1919—*Continued.*

5 to 10 years.		10 to 20 years.		20 to 30 years.		30 to 40 years.		40 to 50 years.		50 to 60 years.		60 to 70 years.		70 to 80 years.		80 to 90 years.		90 and upwards.		Age not given.		Total by Sexes.		Total Deaths.
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
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CAUSES OF DEATH, JULY, 1918, TO

Classification No.	CAUSE OF DEATH. (After the Bertillon Classification Causes of Death, Second International Decennial Revision, Paris, 1909.)	Under 1 year.		1 to 2 years.		2 to 5 years.	
	VANCOUVER DIVISION—NORTH VANCOUVER DISTRICT.	M.	F.	M.	F.	M.	F.
	I.—General Diseases.						
10	Influenza	....	....	....	....	....	....
28	Tuberculosis of the lungs	....	....	....	....	....	....
40	Cancer and other malignant tumours of the stomach, liver	....	....	....	....	....	....
50	Diabetes	....	....	....	....	....	....
	II.—Diseases of Nervous System and Organs of Special Sense.						
64	Cerebral hæmorrhage, apoplexy	....	....	....	....	....	....
71	Convulsions of infants	....	....	1	....	1	....
	III.—Diseases of the Circulatory System.						
79	Organic diseases of the heart	....	....	....	....	....	....
81B	Aneurism	....	....	....	....	....	....
	IV.—Diseases of the Respiratory System.						
92D	Pneumonia following influenza	....	....	1	....	....	....
92E	Hypostatic pneumonia	....	....	....	....	....	....
	VI.—Non-venereal Diseases of Genito-urinary System and Annexa.						
119	Acute nephritis	....	....	....	....	....	....
	VII.—The Puerperal State.						
135	Puerperal hæmorrhage	....	....	....	....	....	....
	XI.—Diseases of Early Infancy.						
152	Other diseases peculiar to early infancy	....	1	....	....	....	....
153B	Premature	....	1	....	....	....	....
		....	2	2	....	1	....
	VANCOUVER DIVISION—WEST VANCOUVER.						
	I.—General Diseases.						
44B	Cancer of prostate	....	....	....	....	....	....
	II.—Diseases of Nervous System and Organs of Special Sense.						
61	Meningitis	1	....	....	....	....	....
	III.—Diseases of the Circulatory System.						
79B	Valvular disease	....	....	....	....	....	....
	IV.—Diseases of the Respiratory System.						
92D	Pneumonia following influenza	....	....	....	....	....	....
	XI.—Diseases of Early Infancy.						
153B	Premature	....	1	....	....	..	....
	XII.—Old Age.						
154	Senility	....	....	....	....	....	....
	XIII.—Affections produced by External Causes.						
169	Accidental drowning	....	....	....	....	....	....
		1	1	....	....	....	....
	VANCOUVER DIVISION—OUTSIDE.						
	I.—General Diseases.						
10	Influenza	....	....	....	....	....	....
29	Acute miliary tuberculosis	....	....	....	....	....	....
35A	Tuberculosis not specified	....	....	1	....	....	....
50	Diabetes	....	....	1	....	....	....
51	Exophthalmic goitre	....	....	....	....	....	....

JUNE (INCLUSIVE), 1919—*Continued.*

5 to 10 years.		10 to 20 years.		20 to 30 years.		30 to 40 years.		40 to 50 years.		50 to 60 years.		60 to 70 years.		70 to 80 years.		80 to 90 years.		90 and upwards.		Age not given.		Total by Sexes.		Total Deaths.
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
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CAUSES OF DEATH, JULY, 1918, TO

Classification No.	CAUSE OF DEATH. (After the Bertillon Classification Causes of Death, Second International Decennial Revision, Paris, 1909.)	Under 1 year.		1 to 2 years.		2 to 5 years.	
	VANCOUVER DIVISION—OUTSIDE—*Concluded.*	M.	F.	M.	F.	M.	F.
	II.—DISEASES OF NERVOUS SYSTEM AND ORGANS OF SPECIAL SENSE.						
64	Cerebral hæmorrhage, apoplexy	....	....	....	....	....	....
71	Convulsions of infants	....	....	....	....	....	....
	IV.—DISEASES OF THE RESPIRATORY SYSTEM.						
92	Pneumonia	....	....	....	....	....	....
92D	Pneumonia following influenza	1	....	....	....	....	....
96	Asthma	....	....	....	....	....	....
	V.—DISEASES OF THE DIGESTIVE SYSTEM.						
104	Diarrhœa and enteritis (under 2 years)	....	1	....	....	....	....
105	Diarrhœa and enteritis (2 years and over)	....	....	....	....	....	1
	VI.—NON-VENEREAL DISEASES OF GENITO-URINARY SYSTEM AND ANNEXA.						
120	Bright's disease	....	....	....	....	....	....
	VII.—THE PUERPERAL STATE.						
134	Accidents of pregnancy	....	....	....	....	....	....
	XI.—DISEASES OF EARLY INFANCY.						
152	Other diseases peculiar to early infancy	1	....	....	....	....	....
153A	Still-born	....	1	....	....	....	....
153B	Premature	1	2	....	....	....	....
	XIII.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
157	Suicide by hanging or strangulation	....	....	....	....	....	....
169	Accidental drowning	....	....	....	....	....	....
169A	Traumatism in logging camp and sawmill	....	....	....	....	....	....
170	Traumatism by firearms	....	....	....	....	....	....
172	Traumatism by fall	....	....	....	....	....	....
173	Traumatism in mines and quarries	....	....	....	....	....	....
175	Traumatism by other crushing (railroad, landslides, vehicles, etc.)	....	....	....	....	....	....
		3	4	2	....	....	1
	VANCOUVER DIVISION—RICHMOND.						
	I.—GENERAL DISEASES.						
10	Influenza	....	....	....	....	....	....
28	Tuberculosis of the lungs	....	....	....	....	....	....
39F	Cancer of throat	....	....	....	....	....	....
41	Cancer and other malignant tumours of the peritoneum, intestines, rectum	....	....	....	....	....	....
42	Cancer and other malignant tumours of the female genital organs	....	....	....	....	....	....
	II.—DISEASES OF NERVOUS SYSTEM AND ORGANS OF SPECIAL SENSE.						
61	Meningitis	....	....	....	....	....	....
70	Convulsions (non-puerperal)	....	....	1	....	....	....
	III.—DISEASES OF THE CIRCULATORY SYSTEM.						
77A	Myocarditis	....	....	....	....	....	....
79	Organic diseases of the heart	....	....	....	....	....	....
79E	Mitral regurgitation	....	....	....	....	....	....
82	Embolism and thrombosis	....	....	....	....	....	....
	IV.—DISEASES OF THE RESPIRATORY SYSTEM.						
89	Acute bronchitis	....	....	....	....	1	....
91	Bronchopneumonia	....	....	....	....	....	....
92	Pneumonia	....	....	....	....	....	....
92D	Pneumonia following influenza	1	....	....	....	1	....
	XI.—DISEASES OF EARLY INFANCY.						
152	Other diseases peculiar to early infancy	....	1	....	....	....	....
153A	Still-born	1	2	....	....	....	....
153B	Umbilical hæmorrhage	....	1	....	....	....	....

JUNE (INCLUSIVE), 1919—*Continued.*

5 to 10 years.		10 to 20 years.		20 to 30 years.		30 to 40 years.		40 to 50 years.		50 to 60 years.		60 to 70 years.		70 to 80 years.		80 to 90 years.		90 and upwards.		Age not given.		Total by Sexes.		Total Deaths.
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
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CAUSES OF DEATH, JULY, 1918, TO

Classification No.	CAUSE OF DEATH. (After the Bertillon Classification Causes of Death, Second International Decennial Revision, Paris, 1909.)	Under 1 year.		1 to 2 years.		2 to 5 years.	
	VANCOUVER DIVISION—RICHMOND—*Concluded.*	M.	F.	M.	F.	M.	F.
	XII.—OLD AGE.						
154	Senility						
	XIII.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
155	Suicide by poison						
157	Suicide by hanging or strangulation						
158	Suicide by drowning						
169	Accidental drowning			1			
175	Traumatism by other crushing (railroad, landslides, vehicles, etc.)						
		2	4	2	....	2	....

RETURNS OF DEATHS OF INDIANS BY AGEN

	BABINE AGENCY.						
	I.—GENERAL DISEASES.						
8	Whooping-cough						
10	Influenza						1
28	Tuberculosis of the lungs						
	II.—DISEASES OF NERVOUS SYSTEM AND ORGANS OF SPECIAL SENSE.						
66	Paralysis without specified cause						
	III.—DISEASES OF THE CIRCULATORY SYSTEM.						
79	Organic diseases of the heart						
	IV.—DISEASES OF THE RESPIRATORY SYSTEM.						
92D	Pneumonia following influenza						
	VII.—THE PUERPERAL STATE.						
135	Puerperal hæmorrhage						
	XI.—DISEASES OF EARLY INFANCY.						
153C	Umbilical hæmorrhage	1					
	OLD AGE.						
154	Senility						
	XIII.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
157	Suicide by hanging or strangulation						
169	Accidental drowning						
	XIV.—ILL-DEFINED DISEASES.						
189	Cause of death not specified or ill-defined						
		1	....	....	....	....	1
	BELLA COOLA AGENCY.						
	I.—GENERAL DISEASES.						
8	Whooping-cough	1	....	....	....	1	3
10	Influenza	3	4	2	....	....	3
20	Purulent infection and septicæmia						
28	Tuberculosis of the lungs						
35A	Tuberculosis not specified						
	II.—DISEASES OF NERVOUS SYSTEM AND ORGANS OF SPECIAL SENSE.						
61	Meningitis						
71	Convulsions of infants			1			

JUNE (INCLUSIVE), 1919—*Concluded.*

5 to 10 years.		10 to 20 years.		20 to 30 years.		30 to 40 years.		40 to 50 years.		50 to 60 years.		60 to 70 years.		70 to 80 years.		80 to 90 years.		90 and upwards.		Age not given.		Total by Sexes.		Total Deaths.
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
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CIES, JULY, 1918, TO JUNE, 1919 (INCLUSIVE).

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....	...	1	....	4	8	2	3	2	3	....	....	1	3	3	....	....	....	....	....	....	....	13	17	30
1	2	3	1	5	13	3	4	4	4	4	....	3	3	4	2	1	....	....	2	....	....	29	32	61
2	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	4	7	11
....	1	1	1	2	2	2	3	1	1	....	....	3	1	...	1	....	....	....	....	....	....	14	17	31
....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1
....	1	2	3	....	1	....	....	....	..	....	....	....	....	....	....	....	....	....	....	....	....	2	5	7
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RETURNS OF DEATHS OF INDIANS BY AGENCIES,

Classification No.	CAUSE OF DEATH. (After the Bertillon Classification Causes of Death, Second International Decennial Revision, Paris, 1909.)	Under 1 year.		1 to 2 years.		2 to 5 years.	
	BELLA COOLA AGENCY—*Concluded.*	M.	F.	M.	F.	M.	F.
	IV.—DISEASES OF THE RESPIRATORY SYSTEM.						
92A	Pneumonia following influenza	1	....	....	....	....	....
	V.—DISEASES OF THE DIGESTIVE SYSTEM.						
109	Hernia, intestinal obstruction	....	....	....	....	....	....
	XI.—DISEASES OF EARLY INFANCY.						
151	Congenital debility, icterus, and sclerema	1	....	....	....	....	....
	XII.—OLD AGE.						
154	Senility	....	....	....	....	....	....
	XIII.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
169	Accidental drowning	....	....	....	....	....	....
	XIV.—ILL-DEFINED DISEASES.						
189	Cause of death not specified or ill-defined	2	1	1	1	....	1
		3	5	4	1	1	9
	COWICHAN AGENCY.						
	I.—GENERAL DISEASES.						
1	Typhoid fever	....	....	....	....	1	....
6	Measles	....	....	....	....	....	1
10	Influenza	....	1	1	1	3	1
28	Tuberculosis of the lungs	....	....	....	....	2	1
	II.—DISEASES OF NERVOUS SYSTEM AND ORGANS OF SPECIAL SENSE.						
61	Meningitis	....	....	1	....	....	....
	IV.—DISEASES OF THE RESPIRATORY SYSTEM.						
89	Acute bronchitis	....	....	....	....	....	....
91	Bronchopneumonia	....	....	1	1	....	....
92	Pneumonia	....	....	....	....	....	....
92A	Lobar	....	....	....	....	....	....
92D	Pneumonia following influenza	....	....	....	2	2	....
	V.—DISEASES OF THE DIGESTIVE SYSTEM.						
118	Other diseases of the digestive system (cancer and tuberculosis excepted)	....	....	....	....	....	....
	VI.—NON-VENEREAL DISEASES OF GENITO-URINARY SYSTEM AND ANNEXA.						
119	Acute nephritis	....	....	....	....	....	....
	XI.—DISEASES OF EARLY INFANCY.						
151	Congenital debility, icterus, and sclerema	1	....	1	....	....	....
152	Other diseases peculiar to early infancy	....	3	....	....	....	....
153B	Premature	2	....	....	....	....	....
	XII.—OLD AGE.						
154	Senility	....	....	....	....	....	....
	XIII.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
169	Accidental drowning	....	....	....	....	....	....
186	Other external violence	....	....	....	....	1	....
	XIV.—ILL-DEFINED DISEASES.						
189	Cause of death not specified or ill-defined	....	....	1	....	....	....
		3	4	5	4	9	3

JULY, 1918, TO JUNE, 1919 (INCLUSIVE)—*Continued.*

5 to 10 years.		10 to 20 years.		20 to 30 years.		30 to 40 years.		40 to 50 years.		50 to 60 years.		60 to 70 years.		70 to 80 years.		80 to 90 years.		90 and upwards.		Age not given.		Total by Sexes.		Total Deaths.
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
....	....	....	2	1	1	1	1	....	....	....	....	....	....	....	....	....	....	....	....	...	....	3	4	7
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2	4	4	8	4	3	3	4	2	1	....	....	3	2	....	1	1	....	....	....	1	....	32	39	71
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3	1	2	5	....	1	1	2	2	....	....	....	....	....	....	....	....	....	....	....	....	....	10	10	20
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4	1	3	8	2	8	2	4	3	2	....	....	1	....	1	3	5	4	....	....	3	....	41	41	82

RETURNS OF DEATHS OF INDIANS BY AGENCIES.

Classification No.	CAUSE OF DEATH. (After the Bertillon Classification Causes of Death, Second International Decennial Revision, Paris, 1909.)	Under 1 year.		1 to 2 years.		2 to 5 years.	
	KAMLOOPS AGENCY.	M.	F.	M.	F.	M.	F.
	I.—GENERAL DISEASES.						
10	Influenza	13	18	8	4	2	5
28	Tuberculosis of the lungs	...	...	....	...	...	....
	IV.—DISEASES OF THE RESPIRATORY SYSTEM.						
89	Acute bronchitis	....	1	....	...	...	....
92A	Lobar pneumonia	...	...	....	....	....	....
92D	Pneumonia following influenza	...	...	....	....	1	....
	VII.—THE PUERPERAL STATE.						
140	Following childbirth (not otherwise defined)	...	....	....	....	....	....
	VIII.—DISEASES OF THE SKIN AND OF THE CELLULAR TISSUE.						
145	Other diseases of the skin and annexa	1	....	....	....	....	....
	XII.—OLD AGE.						
154	Senility	....	....	....	...	....	....
	XIII.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
169	Accidental drowning	....	....	...	....	....	....
170	Traumatism by firearms	....	....	....	..	....	....
174	Traumatism by machines	....	....	....	....	...	....
176	Injuries by animals	....	....	....	....	...	....
186	Other external violence	....	....	....	...	....	....
	XIV.—ILL-DEFINED DISEASES.						
189	Cause of death not specified or ill-defined	....	....	1	...	....	....
		14	19	9	4	3	5
	KOOTENAY AGENCY.						
	I.—GENERAL DISEASES.						
10	Influenza	....	1	....	....	1	....
28	Tuberculosis of the lungs	1	...	1	....	...	....
35A	Tuberculosis not specified	...	....	....	....	....	....
	III.—DISEASES OF THE CIRCULATORY SYSTEM.						
79	Organic diseases of the heart	....	....	....	....	....	...
	IV.—DISEASES OF THE RESPIRATORY SYSTEM.						
89	Acute bronchitis	....	1	....	....	....	....
92	Pneumonia	....	....	2	....	....	1
92D	Pneumonia following influenza	..	...	....	....	....	....
	XII.—OLD AGE.						
154	Senility	...	....	....	....	....	....
	XIII.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
169	Accidental drowning	....	....	....	....	...	....
	XIV.—ILL-DEFINED DISEASES.						
189	Cause of death not specified or ill-defined	....	....	....	....	....	....
		1	2	3	....	1	1
	KWAWKEWLTH AGENCY.						
	I.—GENERAL DISEASES.						
10	Influenza	....	....	....	1	....	1
28	Tuberculosis of the lungs	....	....	....	....	....	....
35A	Tuberculosis not specified	....	....	....	....	....	....

JULY, 1918, TO JUNE, 1919 (INCLUSIVE)—*Continued.*

5 to 10 years.		10 to 20 years.		20 to 30 years.		30 to 40 years.		40 to 50 years.		50 to 60 years.		60 to 70 years.		70 to 80 years.		80 to 90 years.		90 and upwards.		Age not given.		Total by Sexes.		Total Deaths.
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
5	4	8	9	22	27	11	18	6	6	3	2	9	6	2	4	2	6	....	....	4	3	95	112	207
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5	4	10	9	27	29	11	19	8	6	4	2	10	6	3	4	3	6	....	....	4	3	111	116	227
2	1	1	1	2	3	1	1	....	....	....	....	....	1	....	1	....	....	....	....	....	....	7	9	16
1	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	4	2	6
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3	4	2	6	4	4	2	1	...	1	1	....	....	2	2	2	....	....	....	....	....	1	19	24	43
....	....	1	....	4	2	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	5	5	10
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RETURNS OF DEATHS OF INDIANS BY AGENCIES,

Classification No.	CAUSE OF DEATH. (After the Bertillon Classification Causes of Death, Second International Decennial Revision, Paris, 1909.)	Under 1 year.		1 to 2 years.		2 to 5 years.	
	KWAWKEWLTH AGENCY—*Concluded.*	M.	F.	M.	F.	M.	F.
	II.—DISEASES OF NERVOUS SYSTEM AND ORGANS OF SPECIAL SENSE.						
66	Paralysis without specified cause	....	....	....	....	....	....
	IV.—DISEASES OF THE RESPIRATORY SYSTEM.						
92	Pneumonia	....	1	....	....	....	....
	VI.—NON-VENEREAL DISEASES OF GENITO-URINARY SYSTEM AND ANNEXA.						
130	Diseases of the uterus	...	...	....	...	....	....
	XIV.—ILL-DEFINED DISEASES.						
189	Cause of death not specified or ill-defined	....	....	....	....	....	....
		....	1	...	1	....	1
	LYTTON AGENCY.						
	I.—GENERAL DISEASES.						
1	Typhoid fever	....	....	....	....	....	....
10	Influenza	13	21	1	....	2	2
14	Dysentery	....	....	....	....	....	1
20	Purulent infection and septicæmia	....	....	....	....	....	....
28	Tuberculosis of the lungs	....	....	....	....	....	....
31	Abdominal tuberculosis	....	....	....	....	....	....
35A	Tuberculosis not specified	....	....	....	....	....	....
48	Chronic rheumatism	....	....	....	....	....	....
	II.—DISEASES OF NERVOUS SYSTEM AND ORGANS OF SPECIAL SENSE.						
64	Cerebral hæmorrhage, apoplexy	....	....	....	....	....	....
71	Convulsions of infants	...	1	....	....	....	1
	III.—DISEASES OF THE CIRCULATORY SYSTEM.						
79	Organic diseases of the heart	....	....	....	....	....	....
	IV.—DISEASES OF THE RESPIRATORY SYSTEM.						
91	Bronchopneumonia	...	....	....	...	..	....
92	Pneumonia	....	....	....	....	....	....
92D	Pneumonia following influenza	....	....	....	....	....	1
	XI.—DISEASES OF EARLY INFANCY.						
151	Congenital debility, icterus, and sclerema	1	....	...	...	....	....
153B	Premature	1	....	....	....	....	....
	XII.—OLD AGE.						
154	Senility	....	....	....	....	....	....
	XIII.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
169	Accidental drowning	....	....	...	....	....	....
	XIV.—ILL-DEFINED DISEASES.						
189	Cause of death not specified or ill-defined	1	2	....	....	....	....
		16	24	1	....	2	5
	NASS AGENCY.						
	I.—GENERAL DISEASES.						
10	Influenza	....	1	...	....	....	1
28	Tuberculosis of the lungs	....	1	....	....	....	2
30	Tubercular meningitis	....	....	....	...	....	...
30A	Tubercular peritonitis	....	....	....	....	..	....
35A	Tuberculosis not specified	....	1	....	....	....	....
37	Syphilis	....	....	....	....	....	....
37A	Syphilis and Tertiary	...	....	....	....	....	....

JULY, 1918, TO JUNE, 1919 (INCLUSIVE)—*Continued.*

5 to 10 years.		10 to 20 years.		20 to 30 years.		30 to 40 years.		40 to 50 years.		50 to 60 years.		60 to 70 years.		70 to 80 years.		80 to 90 years.		90 and upwards.		Age not given.		Total by Sexes.		Total Deaths.
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
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2	....	4	6	10	8	10	7	10	4	1	1	1	1	1	2	....	2	....	....	....	....	55	54	109
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RETURNS OF DEATHS OF INDIANS BY AGENCIES,

Classification No.	CAUSE OF DEATH. (After the Bertillon Classification Causes of Death, Second International Decennial Revision, Paris, 1909.)	Under 1 year.		1 to 2 years.		2 to 5 years.	
	NASS AGENCY—*Concluded.*	M.	F.	M.	F.	M.	F.
	II.—DISEASES OF NERVOUS SYSTEM AND ORGANS OF SPECIAL SENSE.						
64	Cerebral hæmorrhage, apoplexy	....	....	..	....	....	....
	III.—DISEASES OF THE CIRCULATORY SYSTEM.						
78	Acute endocarditis	....	....	..	....	....	....
78A	Endocarditis following rheumatism	....	....	....	....	....	....
79	Organic diseases of the heart	....	....	....	....	....	....
	IV.—DISEASES OF THE RESPIRATORY SYSTEM.						
89	Acute bronchitis	1	....	....	....	....	....
92D	Pneumonia following influenza	....	....	1	....	1	....
	V.—DISEASES OF THE DIGESTIVE SYSTEM.						
104	Diarrhœa and enteritis (under 2 years)	....	1	....	....	....	....
105	Diarrhœa and enteritis (2 years and over)	....	....	....	....	....	1
	VI.—NON-VENEREAL DISEASES OF GENITO-URINARY SYSTEM AND ANNEXA.						
122	Other diseases of the kidneys and annexa	....	....	....	....	....	....
	VII.—THE PUERPERAL STATE.						
135A	Puerperal peritonitis	....	....	....	....	....	....
	XI.—DISEASES OF EARLY INFANCY.						
151	Congenital debility, icterus, and sclerema	1	....	....	....	....	....
	XII.—OLD AGE.						
154	Senility	....	....	....	....	....	....
	XIII.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
158	Suicide by drowning	....	....	....	....	....	....
186	Other external violence	....	....	....	....	....	....
	XIV.—ILL-DEFINED DISEASES.						
189	Cause of death not specified or ill-defined	....	....	....	....	....	1
		2	4	1	...	1	5
	NEW WESTMINSTER AGENCY.						
	I.—GENERAL DISEASES.						
10	Influenza	....	....	....	....	....	....
28	Tuberculosis of the lungs	....	....	....	....	....	....
56	Alcoholism, acute	....	....	....	....	....	....
	IV.—DISEASES OF THE RESPIRATORY SYSTEM.						
92	Pneumonia	...	1	....	...	1	....
92D	Pneumonia following influenza	....	....	....	..	....	....
	VII.—THE PUERPERAL STATE.						
138	Puerperal albuminuria and convulsions	....	....	....	....	....	....
		....	1	....	....	1	....
	OKANAGAN AGENCY.						
	I.—GENERAL DISEASES.						
10	Influenza	....	1	....	....	....	1
28	Tuberculosis of the lungs	1	....	....	....	....	....
35A	Tuberculosis not specified	....	....	....	....	....	....
46	Other tumours (tumours of the female genital organs excepted)	....	....	....	....	....	....

JULY, 1918, TO JUNE, 1919 (INCLUSIVE)—*Continued.*

5 to 10 years.		10 to 20 years.		20 to 30 years.		30 to 40 years.		40 to 50 years.		50 to 60 years.		60 to 70 years.		70 to 80 years.		80 to 90 years.		90 and upwards.		Age not given.		Total by Sexes.		Total Deaths.
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
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										1				1								2		2
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	2	2	6	5	8	2	3	3	5	1		1	3	4	1							22	37	59
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		1																				1		1

RETURNS OF DEATHS OF INDIANS BY AGENCIES,

Classification No.	CAUSE OF DEATH. (After the Bertillon Classification Causes of Death, Second International Decennial Revision, Paris, 1909.)	Under 1 year.		1 to 2 years.		2 to 5 years.	
	OKANAGAN AGENCY—*Concluded.*	M.	F.	M.	F.	M.	F.
	IV.—DISEASES OF THE RESPIRATORY SYSTEM.						
92	Pneumonia	....	....	....	....	....	....
92D	Pneumonia following influenza	1	1	....	....	1	....
	VIII.—DISEASES OF THE SKIN AND OF THE CELLULAR TISSUE.						
142	Gangrene	....	....	....	....	....	....
	XII.—OLD AGE.						
154	Senility	....	....	....	....	....	....
	XIII.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
165	Other acute poisonings	....	....	....	....	....	....
176	Injuries by animals	....	..	....	....	....	....
	XIV.—ILL-DEFINED DISEASES.						
18	Cause of death not specified or ill-defined	....	..	....	....	....	..
		2	2	....	....	1	1
	QUEEN CHARLOTTE AGENCY.						
	I.—GENERAL DISEASES.						
8	Whooping-cough	....	....	1	....	....	....
10	Influenza	....	....	....	....	....	....
28	Tuberculosis of the lungs	....	....	....	....	..	1
30	Tubercular meningitis	....	....	....	....	....	1
	IV.—DISEASES OF THE RESPIRATORY SYSTEM.						
92	Pneumonia	....	1	....	....	....	....
92A	Pneumonia following influenza	....	..	....	1	....	....
	V.—DISEASES OF THE DIGESTIVE SYSTEM.						
102	Ulcer of the stomach	....	....	....	....	....	....
	VI.—NON-VENEREAL DISEASES OF GENITO-URINARY SYSTEM AND ANNEXA.						
119	Acute nephritis	....	....	....	....	....	....
	XI.—DISEASES OF EARLY INFANCY.						
153B	Premature	1	1	....	....	....	....
	XII.—OLD AGE.						
154	Senility	....	....	....	....	....	....
	XIII.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
169	Accidental drowning	....	....	....	....	....	....
	XIV.—ILL-DEFINED DISEASES.						
189	Cause of death not specified or ill-defined	....	....	....	....	....	....
		1	2	1	1	....	2
	STIKINE AGENCY.						
	I.—GENERAL DISEASES.						
10	Influenza	....	....	....	....	....	....
33A	Tuberculosis of joint	....	....	....	....	....	....
35A	Tuberculosis not specified	..	....	....	....	....	....
46	Other tumours (tumours of the female genital organs excepted)	....	....	....	....	....	....
	III.—DISEASES OF THE CIRCULATORY SYSTEM.						
79	Organic diseases of the heart	....	....	....	....	....	....

JULY, 1918, TO JUNE, 1919 (INCLUSIVE)—*Continued.*

5 to 10 years.		10 to 20 years.		20 to 30 years.		30 to 40 years.		40 to 50 years.		50 to 60 years.		60 to 70 years.		70 to 80 years.		80 to 90 years.		90 and upwards.		Age not given.		Total by Sexes.		Total Deaths.
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
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RETURNS OF DEATHS OF INDIANS BY AGENCIES.

Classification No.	CAUSE OF DEATH. (After the Bertillon Classification Causes of Death, Second International Decennial Revision, Paris, 1909.)	Under 1 year.		1 to 2 years.		2 to 5 years.	
	STIKINE AGENCY—*Concluded.*	M.	F.	M.	F.	M.	F.
	IV.—DISEASES OF THE RESPIRATORY SYSTEM.						
92	Pneumonia	....	1	....	....	....	1
	XIV.—ILL-DEFINED DISEASES.						
189	Cause of death not specified or ill-defined	....	..	....	....	1	....
		....	1	....	....	1	1
	STUART LAKE AGENCY.						
	I.—GENERAL DISEASES.						
10	Influenza	2	3	2	3	4	5
27	Beriberi	....	....	....	....	....	....
28	Tuberculosis of the lungs	....	....	....	....	....	....
35A	Tuberculosis not specified	....	1	....	....	1	1
	IV.—DISEASES OF THE RESPIRATORY SYSTEM.						
92D	Pneumonia following influenza	1	....	....	....	1	1
	VII.—THE PUERPERAL STATE.						
140	Following childbirth (not otherwise defined)	....	....	....	....	....	....
	XI.—DISEASES OF EARLY INFANCY.						
151	Congenital debility, icterus, and sclerema	1	2	....	....	....	....
	XII.—OLD AGE.						
154	Senility	....	....	....	....	....	....
	XIII.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
186	Other external violence	....	....	....	....	....	....
	XIV.—ILL-DEFINED DISEASES.						
189	Cause of death not specified or ill-defined	2	1	....	....	1	2
		6	7	2	3	7	9
	WEST COAST AGENCY.						
	I.—GENERAL DISEASES.						
8	Whooping-cough	....	....	....	1	....	....
9B	Tonsilitis	....	....	....	1	....	....
10	Influenza	1	1	1	....	1	2
28	Tuberculosis of the lungs	....	....	....	1	....	....
30	Tubercular meningitis	....	....	....	....	1	....
	II.—DISEASES OF NERVOUS SYSTEM AND ORGANS OF SPECIAL SENSE.						
66	Paralysis without specified cause	....	....	....	....	....	....
	IV.—DISEASES OF THE RESPIRATORY SYSTEM.						
92	Pneumonia	....	1	....	....	....	....
92D	Pneumonia following influenza	....	....	....	1	....	....
	VI.—NON-VENEREAL DISEASES OF GENITO-URINARY SYSTEM AND ANNEXA.						
120A	Uræmia	....	....	....	....	....	....
	VII.—THE PUERPERAL STATE.						
141A	Childbirth following influenza	....	....	....	....	....	....
	XII.—OLD AGE.						
154	Senility	....	....	....	....	....	....

JULY, 1918, TO JUNE, 1919 (INCLUSIVE)—*Continued.*

5 to 10 years.		10 to 20 years.		20 to 30 years.		30 to 40 years.		40 to 50 years.		50 to 60 years.		60 to 70 years.		70 to 80 years.		80 to 90 years.		90 and upwards.		Age not given.		Total by Sexes.		Total Deaths.
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
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3	5	3	7	2	4	3	3	3	2	...	1	2	2	....	....	....	....	....	....	....	..	24	35	59
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1	1	3	5	....	2	3	3	4	3	1	. ..	1	1	...	1	2	2	....	....	....	....	17	19	36
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RETURNS OF DEATHS OF INDIANS BY AGENCIES,

Classification No.	CAUSE OF DEATH. (After the Bertillon Classification Causes of Death, Second International Decennial Revision, Paris, 1909.)	Under 1 year.		1 to 2 years.		2 to 5 years.	
	WEST COAST AGENCY—*Concluded.*	M.	F.	M.	F.	M.	F.
	XIII.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES.						
170	Traumatism by firearms	....	....	....	....	....	....
	XIV.—ILL-DEFINED DISEASES.						
189	Cause of death not specified or ill-defined	2	1	1	...	1	....
		3	3	2	4	3	2
	WILLIAMS LAKE AGENCY.						
	XIV.—ILL-DEFINED DISEASES.						
189	Cause of death not specified or ill-defined	1	....	....	....	....	....
		1	....	....	...	....	....

JULY, 1918, TO JUNE, 1919 (INCLUSIVE)—*Concluded.*

5 to 10 years.		10 to 20 years.		20 to 30 years.		30 to 40 years.		40 to 50 years.		50 to 60 years.		60 to 70 years.		70 to 80 years.		80 to 90 years.		90 and upwards.		Age not given.		Total by Sexes.		Total Deaths.
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
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2	2	8	5	5	4	2	4	....	1	1	....	1	3	3	3	3	2	1	...	1	3	35	36	71
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VICTORIA, B.C.:
Printed by WILLIAM H. CULLIN, Printer to the King's Most Excellent Majesty.
1920.

BRITISH COLUMBIA

PUBLIC ACCOUNTS

FOR THE

FISCAL YEAR ENDED 31ST MARCH, 1919

PERIOD FROM 1ST APRIL, 1918, TO 31ST MARCH, 1919

PRINTED BY
AUTHORITY OF THE LEGISLATIVE ASSEMBLY.

VICTORIA, B.C.:
Printed by WILLIAM H. CULLIN, Printer to the King's Most Excellent Majesty.
1920.

To Colonel the Honourable Edward Gawler Prior,

A Member of the King's Privy Council for Canada,

Lieutenant-Governor of the Province of British Columbia.

May it please Your Honour:

The undersigned has the honour to present the Public Accounts of British Columbia for the fiscal year ending 31st March, 1919.

All of which is respectfully submitted.

JOHN HART,

Minister of Finance.

Treasury Department,

Victoria, 23rd December, 1919.

VICTORIA, B.C.,
23rd December, 1919.

The Honourable John Hart,
Minister of Finance.

SIR,—I have the honour to submit herewith the Public Accounts of the Province of British Columbia for the fiscal year ended 31st March, 1919.

I have the honour to be,
Sir,
Your obedient servant,

A. N. MOUAT, C.A.,
Comptroller-General.

ORDER OF PUBLIC ACCOUNTS.

PAGE.

vi.-xi.—Balance Sheet.

xii.—Consolidated Surplus Account.

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THE GOVERNMENT OF THE

BALANCE SHEET FOR THE

CAPITAL ASSETS.

REALIZABLE OR INCOME PRODUCING:			
DOMINION OF CANADA:			
Capital Account, "Terms of Union"—			
Interest, capitalized at 5 per cent		$ 583,021 40	
Annual subsidy, " 5 "		3,600,000 00	
Grant *per capita*, " 5 "		6,279,680 00	
Lands conveyed, " 5 "		2,000,000 00	
			$12,462,701 40
INVESTMENT FOR REDEMPTION OF BRITISH COLUMBIA STOCK AND DEBENTURES:			
Sinking Fund, Loans 1891-3-5-9 and 1902		$3,089,256 82	
" Loan 1914		593,264 96	
" Loan 1915		785,979 89	
" Loan 1916		327,083 48	
" Loan 1917		8,622 54	
" B.C. Dyking Debentures		82,065 46	
			4,886,273 15
DYKING DISTRICTS ("DYKING ASSESSMENTS ADJUSTMENT ACT, 1905"):			
Capital Account	$544,464 99		
Maintenance Account	97,593 29		
Interest Account	16,258 49		
		$ 658,316 77	
Less Sinking Fund Assessments		100,751 07	
			557,565 70
FORMER INDIAN RESERVATIONS ACQUIRED:			
Kitsilano Reserve, Vancouver		$ 300,000 00	
Songhees Reserve, Victoria		999,971 57	
			1,299,971 57
PROPERTIES ACQUIRED UNDER "SOLDIERS LAND ACT, 1918":			
South Vancouver		$ 4,867 78	
Southern Okanagan		352,192 87	
			357,060 65
RAILWAY SUBSIDY LANDS REPURCHASED			1,509,114 73
FAIRVIEW WORKS, FAIRVIEW			29,447 26
PROVINCIAL GOVERNMENT LIQUOR VENDORS			120,259 72
			$21,222,394 18
BUILDINGS, ROADS, BRIDGES, AND OTHER PROPERTIES:			
PROVINCIAL BUILDINGS AND FURNISHINGS			$10,843,553 74
TRUNK AND MAIN ROADS			4,260,754 48
BRIDGES (INCLUDING NEW WESTMINSTER BRIDGE)			4,995,157 79
WHARVES (INCLUDING PRINCE RUPERT WHARF)			264,197 04
FISH HATCHERY, SETON LAKE, LILLOOET, B.C.			28,700 00
			20,392,363 05
Carried forward			$41,614,757 23

PROVINCE OF BRITISH COLUMBIA.

YEAR ENDED 31ST MARCH, 1919.

CAPITAL LIABILITIES.

BRITISH COLUMBIA STOCK AND DEBENTURES:

LOAN ACT, 1891, 3 PER CENT., DUE 30TH JUNE,			1941	$2,139,141 00
" 1893, 3	"	"	1941	599,945 00
" 1895, 3	"	"	1941	2,037,000 00
" 1899, 3	"	"	1941	1,649,000 00
" 1902, 3	"	"	1941	3,496,850 00
" 1914, 4½	"	1ST APRIL,	1941	7,275,000 00
" 1915, 4½	"	1ST DEC.,	1925	3,130,000 00
" 1916, 4½	"	30TH JUNE,	1926	2,000,000 00
" 1916, 5	"	1ST APRIL,	1928	1,000,000 00
" 1917, 5	"	1ST DEC.,	1937	300,000 00
" 1917, 5	"	1ST APRIL,	1938	200,000 00
" 1917, 5	"	1ST NOV.,	1938	100,000 00
" 1917, 5	"	1ST DEC.,	1938	200,000 00
" 1918, 5½	"	5TH MARCH,	1939	3,000,000 00
DYKING DEBENTURES, 1897 AND 1899, 3½ PER CENT. DUE JUNE 30TH,			1937	445,000 00
				$27,571,936 00

MORTGAGE ON BRITISH COLUMBIA BUILDING, LONDON:

MATURING IN QUARTERLY INSTALMENTS TO 24TH JUNE, 1945	254,625 00
	$27,826,561 00

BALANCE:

BEING EXCESS OF CAPITAL ASSETS OVER CAPITAL LIABILITIES	13,788,196 23

NOTE.—In addition to the above liabilities the Province has guaranteed the principal and interest on securities as follows:—

	Authorized.	Issued.
Canadian Northern Pacific Railway Co. (due 2nd April, 1950)	$47,975,000 00	$40,157,530 14
Pacific Great Eastern Railway Co. (due 15th July, 1942)	20,160,000 00	20,160,000 00
Vancouver and Districts Joint Sewarage and Drainage Board (due 1st March 1954)	2,433,333 00	2,433,333 00
French's Complex Ore Reduction Co., Ltd. (due 1st June, 1919)	65,000 00	65,000 00
Agricultural Credits Commission (due 1st May, 1941)	1,000,000 00	1,000,000 00
West Nicomen Dyking District (due 1st May, 1953)	90,000 00	87,000 00
	$71,723,333 00	$63,902,863 14

Carried forward $41,614,757 23

BALANCE SHEET FOR THE YEAR

CURRENT ASSETS.

Brought forward			$41,614,757 23
CASH AND ADVANCES:			
CASH BALANCES IN TREASURY	$ 60 21		
CASH BALANCES IN HANDS OF GOVERNMENT AGENTS AND COLLECTORS	1,028,897 57		
CANADIAN BANK OF COMMERCE, CURRENT ACCOUNT	115,031 62		
ADVANCES TO DEPARTMENTS	760,610 76		
ADVANCES TO SCHOOL TRUSTEES OF RURAL DISTRICTS	5,993 28		
ADVANCES TO LAND SETTLEMENT BOARD	542,302 73		
ADVANCES TO "CONSERVATION FUND"	50,000 00		
		$2,502,896 17	
ACCOUNTS RECEIVABLE:			
ARREARS, ASSESSED TAXES	$2,073,194 00		
ARREARS, PROBATE AND SUCCESSION DUTIES	224,510 16		
ARREARS, TIMBER ROYALTY AND STUMPAGE	286,788 96		
LOANS UNDER THE "DAIRY ASSOCIATIONS ACT"	3,400 00		
LOANS UNDER THE "AGRICULTURAL ASSOCIATIONS ACT"	$190,557 26		
Less SINKING FUNDS	25,431 48		
	165,125 78		
LOANS UNDER THE "WATER ACT"	1,000 00		
LOANS UNDER THE "CORPORATION OF THE DISTRICT OF SOUTH VANCOUVER AID ACT"	806,296 11		
STUMPING-POWDER PURCHASE ACCOUNTS	13,612 78		
B.C. LOAN TRUSTEES	54,234 68		
DOMINION GOVERNMENT, ACCRUED INTEREST, TERMS OF UNION	7,287 76		
VARIOUS MINES (ROYALTIES AND TAXES ON COAL AND COKE)	70,067 13		
SUNDRY DEBTORS	69,397 92		
		3,774,915 28	
LIVE STOCK, STORES, AND EQUIPMENT:			
DEPARTMENT OF AGRICULTURE	$ 31,633 01		
" ATTORNEY-GENERAL	68,877 40		
" EDUCATION	18,874 62		
" FINANCE	6,249 00		
" LANDS	157,392 81		
" MINES	17,407 60		
" PROVINCIAL SECRETARY	270,138 62		
" PUBLIC WORKS	252,172 00		
" RAILWAYS	11,378 50		
		834,123 56	
SPECIAL DEPOSITS, TRUST ACCOUNTS:			
BANK OF MONTREAL, LAND REGISTRY ASSURANCE FUND	$ 73,944 25		
CANADIAN BANK OF COMMERCE:			
Vancouver and Districts Joint Sewerage and Drainage Board	31,158 10		
Canadian Northern Pacific Railway, Branch Lines Account	860,652 31		
Canadian Northern Pacific Railway, Terminals Account	1,508,045 74		
Pacific Great Eastern Railway	494,944 32		
Workmen's Compensation Board	352,673 61		
French's Complex Ore Reduction Company, Limited	3,005 36		
Lands Branch, Trust Account	67,593 72		
Forest Branch, Trust Account	92,913 75		
Water Rights Branch, Trust Account	34,788 76		
Estates of Insane Persons	37,602 18		
Dominion Government Grant *re* Agriculture	4,052 88		
		3,561,374 98	
			10,673,309 99
Carried forward			$52,288,067 22

ENDED 31ST MARCH, 1919—*Continued.*

CURRENT LIABILITIES.

Brought forward		$41,614,757 23
TEMPORARY LOANS:		
TREASURY BILLS (LOAN ACT, 1916)	$2,020,000 00	
TREASURY BILLS (CORPORATION OF THE DISTRICT OF SOUTH VANCOUVER AID ACT, 1918)	790,000 00	
		$2,810,000 00
ACCOUNTS PAYABLE:		
SUNDRY CREDITORS	$1,738,935 16	
INTEREST ACCRUED ON PUBLIC DEBT	379,786 66	
		2,118,721 82
REVENUE RECEIVED IN ADVANCE:		
DOMINION GOVERNMENT, TERMS OF UNION		148,496 00
SPECIAL FUNDS, TRUST ACCOUNTS:		
VANCOUVER AND DISTRICTS JOINT SEWERAGE AND DRAINAGE BOARD	$ 31,158 10	
CANADIAN NORTHERN PACIFIC RAILWAY, BRANCH LINES ACCOUNT	860,652 31	
CANADIAN NORTHERN PACIFIC RAILWAY, TERMINALS ACCOUNT	1,508,045 74	
PACIFIC GREAT EASTERN RAILWAY COMPANY	494,944 32	
WORKMEN'S COMPENSATION BOARD	352,673 61	
FRENCH'S COMPLEX ORE REDUCTION COMPANY, LIMITED	3,005 36	
LANDS BRANCH, TRUST ACCOUNT	67,593 72	
FOREST BRANCH, TRUST ACCOUNT	92,913 75	
WATER RIGHTS BRANCH, TRUST ACCOUNT	34,788 76	
ESTATES OF INSANE PERSONS	37,602 18	
DOMINION GOVERNMENT GRANT *re* AGRICULTURE	4,052 88	
FOREST PROTECTION FUND	24,474 77	
CONSERVATION FUND	33,592 99	
INTESTATE ESTATES	525,714 68	
SUITORS' FUNDS	381,146 94	
SURPLUS MONEYS FROM TAX SALES	18,562 55	
OFFICIAL GUARDIAN	26,665 65	
RURAL DISTRICTS SCHOOL TAX	59,505 09	
		4,557,093 40
		$9,634,311 22
BALANCE:		
BEING EXCESS OF CURRENT ASSETS OVER CURRENT LIABILITIES		1,038,998 77
		10,673,309 99
Carried forward		$52,288,067 22

BALANCE SHEET FOR THE YEAR

DEFERRED ASSETS.

Brought forward		$52,288,067 22
NAKUSP & SLOCAN RAILWAY COMPANY (Amount paid on account of principal and interest on bonds, etc., in excess of Dominion Subsidy and net earnings)	$ 993,332 08	
PACIFIC GREAT EASTERN RAILWAY COMPANY (Interest on Guaranteed Bonds)	2,836,607 30	
PACIFIC GREAT EASTERN RAILWAY COMPANY (Loan Account)	3,424,031 88	
BANK OF VANCOUVER (In Liquidation) (Amount in Special Deposit Account)	100,086 37	
		7,354,057 63
		$59,642,124 85

ENDED 31ST MARCH, 1919—*Concluded.*

DEFERRED LIABILITIES.

Brought forward	$52,288,067 22
BALANCE:	
BEING BOOK VALUES OF "DEFERRED ASSETS," THE ULTIMATE REALIZATION OF WHICH CANNOT BE DETERMINED AT THIS DATE	7,354,057 63
	$59,642,124 85

I CERTIFY THAT the foregoing Balance Sheet is in agreement with the books of the Government of the Province of British Columbia as at 31st March, 1919.

The amount at which the "Arrears of Assessed Taxes" appear, for the first time, in the Balance Sheet, under Current Assets, represents the totals shown by the Assessment Rolls, less deductions for cancellation of taxes due to the operation of the "Soldiers' Homestead Act," and other items which may prove to be uncollectable.

A. N. MOUAT, C.A.,
Comptroller-General.

Victoria, B.C.,
23rd December, 1919.

PROVINCE OF BRITISH COLUMBIA.

—:o:—

CONSOLIDATED SURPLUS ACCOUNT.

DR.					CR.
1919 March 31st	To Advance to H. G. Marvin (Department of Lands) written off under authority of Order in Council No. 492 of 1919	$ 88 00	1918 April 1st	By Balance	$ 18,260,032 52
	Expenditure for fiscal year ended 31st March, 1919	9,887,744 62	1919. March 31st	Liquor Vendors, Capital Account	104,605 41
				Provincial Buildings and Furnishings (schools)	67,440 00
				Conservation Fund	50,000 00
				Increase in Inventories	71,234 99
				Arrears, Assessed Taxes	2,073,194 00
				Arrears, Probate and Succession Duties	224,510 16
		$ 9,887,832 62		Arrears, Timber Royalty and Stumpage	286,788 96
	Balance: being excess of Assets over Liabilities	22,181,252 63		Revenue for fiscal year ended 31st March, 1919	10,931,279 21
		$32,069,085 25			$32,069,085 25

PROVINCE OF BRITISH COLUMBIA.

SUMMARIZED COMPARATIVE STATEMENT OF ESTIMATED AND ACTUAL REVENUE AND EXPENDITURE FOR THE FISCAL YEAR ENDED 31st MARCH, 1919.

Estimated.		Actual.
	REVENUE.	
	CURRENT ACCOUNT:	
$ 29,340 00	Department of Agriculture	$ 58,737 18
577,585 00	" the Attorney-General	898,222 04
3,000 00	" Education	4,043 81
6,645,215 13	" Finance	6,609,830 69
38,000 00	" Fisheries	37,037 80
2,203,050 00	" Lands	2,831,615 69
....	" Labour	3,082 99
2,000 00	Legislation (Private Bills Fees)	3,365 00
112,100 00	Department of Mines	129,026 26
211,665 00	" the Provincial Secretary	278,978 64
42,100 00	" Public Works	43,087 05
36,000 00	" Railways	34,252 06
$ 9,900,055 13	Total Revenue	$10,931,279 21
	EXPENDITURE.	
	CURRENT ACCOUNT:	
$ 1,409,678 08	Public Debt	$ 1,413,725 37
100,000 00	Legislation	101,291 18
12,750 00	Premier's Office	12,584 09
220,684 00	Department of Agriculture	228,798 19
928,631 00	" the Attorney-General	866,291 70
1,804,040 00	" Education	1,831,622 91
703,379 00	" Finance	722,120 61
17,175 00	" Fisheries	14,059 21
704,226 66	" Lands	727,622 46
16,170 00	" Labour	20,036 55
335,504 00	" Mines	203,339 99
1,772,845 00	" the Provincial Secretary	1,863,571 41
1,815,740 00	" Public Works	1,851,881 68
41,730 00	" Railways	30,799 27
$ 9,882,552 74	Total Current Account	$ 9,887,744 62
1,956,212 83	CAPITAL ACCOUNT:	2,224.541 27
$11,838,765 57	Total Expenditure	$12,112,285 89

PROVINCE OF BRITISH COLUMBIA.

DETAILS OF REVENUE FOR THE FISCAL YEAR ENDED 31ST MARCH, 1919.

ESTIMATED.		RECEIVED.	
	DEPARTMENT OF AGRICULTURE.		
$ 5,000 00	Frondeg Farm	$ 9,041 15	
18,000 00	Horticultural Inspection—Fees and Licences	26,335 34	
1,500 00	Seed Grain Advances—Refunds	13,410 62	
4,840 00	Miscellaneous	9,950 07	
$ 29,340 00	Total		$ 58,737 18
	DEPARTMENT OF THE ATTORNEY-GENERAL.		
$ 20,000 00	Court, Fines and Fees of	$ 39,590 19	
1,000 00	Dog Licences	1,715 00	
60,000 00	Game Licences	82,552 50	
63,225 00	Insurance Act—Licences, Taxes, and Fees	73,619 68	
35,000 00	Joint-stock Companies, etc., Registration Fees	56,315 56	
10,000 00	Keep of Prisoners—Reimbursements	11,204 55	
150,000 00	Land Registry Fees	189,162 78	
50,000 00	Law Stamps	57,959 67	
150,000 00	Motor-traffic Regulation Act—Fees	246,137 50	
17,360 00	Moving Pictures Act—Fees	14,562 20	
.....	Prohibition Act—Profit on Liquor sold	97,011 85	
.....	Sheriffs' Fees	6,100 99	
20,000 00	Trade Licences	20,342 50	
1,000 00	Miscellaneous Receipts	1,947 07	
$ 577,585 00	Total		898,222 04
	DEPARTMENT OF EDUCATION.		
$ 2,000 00	Teachers' Examinations and Certificates	$ 2,695 00	
1,000 00	Text-books sold	1,318 81	
.....	Miscellaneous	30 00	
$ 3,000 00	Total		4,043 81
	DEPARTMENT OF FINANCE.		
	Dominion of Canada—		
$ 29,151 06	Annual Interest	$ 29,151 06	
180,000 00	" Subsidy	180,000 00	
313,984 00	" Grant per capita	313,984 00	
100,000 00	" Grant for Lands conveyed	100,000 00	
$ 623,135 06		623,135 06	
220,000 00	Amusements Tickets Tax	221,488 08	
160,000 00	Coal and Coke Tax	196,657 21	
2,215,000 00	Income Tax	1,506,668 92	
	Interest—		
19,080 07	"Dyking Assessments Adjustment Act"	19,080 07	
190,000 00	Sinking Fund Investments	175,457 26	
75,000 00	Miscellaneous	290,332 96	
	Land Taxes—		
1,000,000 00	Real Property	991,203 35	
700,000 00	Wild Land, Coal and Timber Lands	792,416 29	
85,000 00	Mineral Tax	229,106 47	
600,000 00	Personal Property Tax	800,415 07	
300,000 00	Poll Tax	282,685 00	
75,000 00	Probate Fees	47,534 22	
15,000 00	Rents—		
....	B.C. House, London, England $37,705 87		
.....	Miscellaneous Rents 186 00	37,891 87	
4,500 00	Revenue Service Refunds	11,800 27	
.....	Rural District School Taxes	12,916 25	
300,000 00	Succession Duties	271,777 45	
40,000 00	Unworked Crown-granted Mineral Claims—Taxes	65,732 00	
23,500 00	Miscellaneous Receipts	33,532 89	
$6,645,215 13	Total		6,609,830 69
	DEPARTMENT OF FISHERIES.		
$ 38,000 00	Fishery and Cannery Licences, etc.		37,037 80
	DEPARTMENT OF LANDS.		
$ 75,000 00	Land Revenue	$ 92,227 73	
50,000 00	Land Sales	112,550 84	
40,000 00	Log Scaling Fees	58,830 09	
500 00	Survey Fees	5,268 83	
$ 165,500 00	*Carried forward*	$ 268,877 49	$ 7,607,871 52

DETAILS OF REVENUE, ETC.—*Concluded.*

ESTIMATED.		RECEIVED.	
$ 165,500 00	*Brought forward*.....	$ 268,877 49	$ 7,607,871 52
	DEPARTMENT OF LANDS.—*Concluded.*		
74,000 00	Timber Leases	77,361 00	
1,760,000 00	Timber Licences and Royalties	2,276,794 86	
125,000 00	Timber Sales	169,563 42	
76,000 00	Water Recording Fees and Rentals	21,392 39	
2,550 00	Miscellaneous Receipts	17,626 53	
$2,203,050 00	Total		2,831,615 69
	DEPARTMENT OF LABOUR.		
	Dominion of Canada subvention		3,082 99
	LEGISLATION.		
$ 2,000 00	Private Bills Fees		3,365 00
	DEPARTMENT OF MINES.		
$ 1,000 00	Bureau of Mines	989 15	
50,000 00	Free Miners' Certificates	50,985 73	
1,000 00	Miners' Examinations and Certificates	1,227 00	
60,000 00	Mining Receipts, General	74,985 13	
100 00	Miscellaneous Receipts	839 25	
$ 112,100 00	Total		129,026 26
	DEPARTMENT OF THE PROVINCIAL SECRETARY.		
$ 5,000 00	Colony Farm	$ 5,733 60	
140,000 00	King's Printer	170,561 21	
14,000 00	Marriage Licences	13,675 00	
40,000 00	Mental Hospitals	67,794 78	
2,000 00	Notaries Public and Commissioners' Fees	2,185 25	
5,000 00	Provincial Home, Kamloops	6,819 42	
2,000 00	Vital Statistics, etc	5,394 25	
2,500 00	Voters' Lists sold	5,085 52	
1,165 00	Miscellaneous Receipts	1,729 61	
$ 211,665 00	Total		278,978 64
	DEPARTMENT OF PUBLIC WORKS.		
$ 26,500 00	Boiler Inspection and Examination Fees	$ 29,123 83	
5,500 00	Electrical Energy Inspection		
5,000 00	Government Property sold	8,223 34	
5,000 00	Wharfage and Dock Dues	4,262 82	
100 00	Miscellaneous Receipts	1,477 06	
$ 42,100 00	Total		43,087 05
	DEPARTMENT OF RAILWAYS.		
$ 36,000 00	New Westminster Bridge—Tolls	$ 32,358 46	
	Miscellaneous Receipts	1,893 60	
$ 36,000 00	Total		34,252 06
$9,900,055 13	Grand Total		$10,931,279 21

APPROPRIATION AND EXPENDITURE

SUMMARY showing Amounts appropriated, expended, unexpended, and over-expended for the Fiscal Year ended 31st March, 1919.

No. of Vote.	SERVICE.	TOTAL APPROPRIATION	EXPENDED.	UNEXPENDED.	OVER-EXPENDED.
	CURRENT ACCOUNT.				
1	PUBLIC DEBT.				
	Page C 1				
	Main Estimates $1,409,678 08				
	Statutory 228,109 69				
		$1,637,787 77	$1,413,725 37	$224,062 40	.....
	LEGISLATION.				
	Pages C 2-3				
	Main Estimates $100,000 00				
	Special Warrant No. 43 ..... 1,500 00				
		101,500 00	101,291 18	208 82	.....
3	PREMIER'S OFFICE.				
	Page C 3				
	Main Estimates $12,750 00				
	Special Warrant No. 36 ..... 210 00				
		12,960 00	12,584 09	375 91	.....
	DEPARTMENT OF AGRICULTURE.				
4	MINISTER'S OFFICE: Page C 4				
	Main Estimates $9,920 00				
	Special Warrants Nos. 19, 21, and 36 ..... 1,212 50				
		11,132 50	9,104 13	2,028 37	.....
5	GENERAL OFFICE: Pages C 4-5				
	Main Estimates $39,979 00				
	Special Warrants Nos. 36 and 47 ..... 754 00				
		40,733 00	32,096 75	8,636 25	.....
6	HORTICULTURAL BRANCH: Pages C 5-7				
	Main Estimates $41,492 00				
	Special Warrants Nos. 8, 21, 47, and 49 ..... 13,845 33				
	Supplementary Estimates 1,000 00				
		56,337 33	48,199 85	8,137 48	.....
7	LIVE STOCK BRANCH: Pages C 7-8				
	Main Estimates $38,793 00				
	Special Warrants Nos. 36, 47, and 49 ..... 3,350 00				
		42,143 00	38,979 50	3,163 50	.....
8	MISCELLANEOUS GRANTS, ETC.: Pages C 8-13				
	Main Estimates $89,500 00				
	Special Warrant No. 49 ..... 1,750 00				
		91,250 00	64,581 07	26,668 93	.....
	STATUTORY: Pages C 13-14				
	"Pound District Amendment Act, 1918," chap. 5	16 75	16 75	.....	.....
	"Noxious Weeds Act, 1915," chap. 66	229 35	229 35	.....	.....
	"Seed-grain Act, 1918," chap. 75	33,531 69	33,531 69	.....	.....
	SPECIAL WARRANTS: Page C 14				
	No 19. Compensation *re* codling-moth control	1,500 00	1,500 00	.....	.....
	Nos. 19 and 32. Compensation *re* foul-brood in bees	559 10	559 10	.....	.....
		277,432 72	228,798 19	48,634 53	.....
	DEPARTMENT OF THE ATTORNEY-GENERAL.				
9	ATTORNEY-GENERAL'S OFFICE: Page C 14				
	Main Estimates	11,100 00	9,061 04	2,038 96	.....
10	GENERAL OFFICE: Pages C 14-15				
	Main Estimates $26,760 00				
	Special Warrant No. 36 ..... 430 50				
		27,190 50	25,836 38	1,354 12	.....
11	JOINT-STOCK COMPANIES AND INSURANCE BRANCH: Pages C 15-16				
	Main Estimates $7,380 00				
	Special Warrants Nos. 34 and 36 ..... 4,877 68				
		12,257 68	11,858 74	398 94	.....
12	MUNICIPAL BRANCH: Page C 16				
	Main Estimates $6,335 00				
	Special Warrant No. 36 ..... 30 00				
		6,365 00	5,660 96	704 04	.....
13	CENSOR OF MOVING PICTURES: Page C 17				
	Main Estimates $15,722 00				
	Special Warrant No. 47 ..... 340 00				
	Supplementary Estimates 105 00				
		16,167 00	13,618 48	2,548 52	.....
	Carried forward	$73,080 18	$66,035 60	$7,044 58	.....

No. of Vote.	SERVICE.	TOTAL APPROPRIATION	EXPENDED.	UNEXPENDED.	OVER-EXPENDED.
	Brought forward	$73,080 18	$66,035 60	$ 7,044 58	.....
	CURRENT ACCOUNT.—*Continued.*				
	DEPARTMENT OF THE ATTORNEY-GENERAL.—*Continued.*				
14	ADMINISTRATION OF PROHIBITION ACT: Pages C 17-20				
	Main Estimates $30,405 00				
	Special Warrants Nos. 20, 36, and 47 20,520 00				
	Supplementary Estimates 8,500 00				
	Statutory, "Civil Service Act, 1917," sec. 46, as amended 4,839 06	64,264 06	59,927 09	4,336 97	.....
15	PROVINCIAL LIBRARY AND ARCHIVES: Pages C 20-23				
	Main Estimates $18,000 00				
	Special Warrants Nos. 9, 12, and 36 5,241 00				
	Supplementary Estimates 2,500 00				
	Statutory, "Civil Service Act, 1917," sec. 46, as amended 460 00	26,201 00	25,592 21	608 79	.....
	Land Registry Offices.				
16	KAMLOOPS: Page C 23				
	Main Estimates $19,273 00				
	Special Warrant No. 36 640 00	19,913 00	16,668 33	3,244 67	.....
17	NELSON: Pages C 23-24				
	Main Estimates $14,777 00				
	Special Warrants Nos. 12 and 47 1,333 00	16,110 00	15,087 20	1,022 80	.....
18	NEW WESTMINSTER: Pages C 24-25				
	Main Estimates $24,882 00				
	Special Warrant No. 36 1,375 00	26,257 00	23,148 46	3,108 54	.....
19	PRINCE RUPERT: Page C 25				
	Main Estimates $6,449 00				
	Special Warrant No. 47 100 00	6,549 00	5,437 16	1,111 84	.....
20	VANCOUVER: Pages C 25-26				
	Main Estimates $43,302 00				
	Special Warrants Nos. 36 and 47 2,751 00	46,053 00	44,515 53	1,537 47	.....
21	VICTORIA: Page C 26				
	Main Estimates $33,510 00				
	Special Warrant No. 36 1,838 00	35,348 00	31,451 24	3,896 76	.....
	Supreme and County Courts.				
22	CHILLIWACK: Page C 27				
	Main Estimates	1,670 00	1,417 58	252 42	.....
23	LADYSMITH: Page C 27				
	Main Estimates	325 00	319 29	5 71	.....
24	MERRITT: Page C 27				
	Main Estimates $1,625 00				
	Special Warrant No. 47 150 00	1,775 00	1,746 92	28 08	.....
25	NELSON: Page C 28				
	Main Estimates $2,936 00				
	Special Warrants Nos. 38 and 47 160 00				
	Supplementary Estimates 150 00	3,246 00	3,199 27	46 73	.....
26	NEW WESTMINSTER: Page C 28				
	Main Estimates $6,674 00				
	Special Warrants Nos. 36 and 38 410 00				
	Supplementary Estimates 250 00	7,334 00	6,429 66	904 34	.....
27	PRINCE RUPERT: Page C 28				
	Main Estimates $2,325 00				
	Special Warrant No. 38 250 00				
	Supplementary Estimates 100 00	2,675 00	2,476 46	198 54	.....
28	VANCOUVER: Pages C 28-29				
	Main Estimates $24,309 00				
	Special Warrants Nos. 36 and 47 1,855 50				
	Supplementary Estimates 250 00	26,414 50	25,018 80	1,395 70	.....
29	VICTORIA: Pages C 29-30				
	Main Estimates $23,166 00				
	Special Warrants Nos. 29 and 36 2,844 50	26,010 50	24,798 36	1,212 14	.....
30	OFFICIAL STENOGRAPHERS: Page C 30				
	Main Estimates	2,988 00	2,988 00	.....	.....
31	PROVINCIAL POLICE: Pages C 30-44				
	Main Estimates $306,510 00				
	Special Warrants Nos. 9 and 47 7,686 00	314,196 00	217,576 61	96,619 39	.....
	Carried forward	$700,409 24	$573,833 77	$126,575 47	.....

No. of Vote.	SERVICE.	TOTAL APPROPRIATION	EXPENDED.	UNEXPENDED.	OVER-EXPENDED.
	Brought forward	$700,409 24	$573,833 77	$126,575 47	
	CURRENT ACCOUNT.—*Continued.*				
	DEPARTMENT OF THE ATTORNEY-GENERAL.—*Concluded.*				
	County Goals.				
32	KAMLOOPS GAOL: Page C 44 Main Estimates $19,366 00 Special Warrant No. 47 60 00	19,426 00	7,036 21	12,389 79	
33	NELSON GAOL: Pages C 44-45 Main Estimates $18,197 00 Special Warrant No. 47 300 00	18,497 00	9,669 88	8,827 12	
34	OAKALLA PRISON FARM: Pages C 45-47 Main Estimates $57,550 00 Special Warrant No. 47 780 00	58,330 00	44,884 30	13,445 70	
	Industrial Schools.				
35	BOYS' SCHOOL: Pages C 47-49 Main Estimates $30,770 00 Special Warrant No. 47 442 00	31,212 00	31,211 19	81	
36	GIRLS' SCHOOL: Pages C 49-51 Main Estimates $23,420 00 Special Warrants Nos. 9 and 47 2,484 00	25,904 00	23,876 33	2,027 67	
37	SUMMONING AND PAYING WITNESSES: Pages C 51-53 Main Estimates	15,000 00	10,473 82	4,526 18	
38	GRAND AND PETIT JURORS: Pages C 53-54 Main Estimates	12,500 00	12,373 72	126 28	
39	PROSECUTIONS AND INTERPRETERS: Pages C 54-55 Main Estimates	15,000 00	14,820 39	179 61	
40	EXPENSES OF INQUESTS: Pages C 55-58 Main Estimates	6,000 00	5,536 25	463 75	
41	REWARDS: Page C 58 Main Estimates	2,000 00	550 00	1,450 00	
42	ALLOWANCE TO SHERIFFS: Page C 58 Main Estimates	9,750 00	6,937 41	2,812 59	
43	CONSTITUTIONAL LITIGATION AND GENERAL LAW COSTS: Page C 58 Main Estimates	7,500 00	7,485 54	14 46	
44	MOTOR-TRAFFIC REGULATION: Page C 58 Main Estimates $7,500 00 Special Warrant No. 38 7,000 00	14,500 00	12,807 68	1,692 32	
45	GAME PROTECTION: Pages C 58-60 Main Estimates $35,000 00 Special Warrants Nos. 9 and 47 2,812 48	37,812 48	35,435 94	2,376 54	
46	"INFANTS ACT": Page C 60 Main Estimates	10,000 00	9,301 97	698 03	
47	SPECIAL SURVEYS: Page C 61 Main Estimates	2,500 00	650 00	1,850 00	
48	GRANT TO CANADIAN BAR ASSOCIATION: Page C 61 Main Estimates	500 00		500 00	
49	STIPENDIARY MAGISTRATES: Page C 61 Main Estimates	3,300 00	2,556 45	743 55	
50	CRIMINAL IDENTIFICATION BUREAU: Page C 61 Main Estimates	1,000 00	336 72	663 28	
51	INCIDENTALS AND CONTINGENCIES: Page C 61 Main Estimates $ 2,500 00 Special Warrant No. 15 10,000 00	12,500 00	10,658 14	1,841 86	
51A	SHERIFF'S OFFICE, VANCOUVER: Pages C 61-2 Supplementary Estimates 7,000 00 Special Warrant No. 36 227 50	7,227 50	6,789 62	437 88	
	STATUTORY: Page C 62				
	"Workmen's Compensation Act," chap. 77, 1916, sec. 60	13,000 00	13,000 00		
	"Uniformity of Legislation," chap. 92, 1918, sec. 4	741 32	741 32		
	"Nelson and Fort Sheppard Railway Lands Definition Act," chap. 62, 1918, sec. 5	73 05	73 05		
	"Benevolent Societies Act Amendment Act," chap. 9, 1918, sec. 2	252 00	252 00		
	SPECIAL WARRANT: Page C 62 No. 33. Workmen's Compensation Board, assessment on Class 13	25,000 00	25,000 00		
		$1,049,934 59	$866,291 70	$183,642 89	

No. of Vote.	SERVICE.	TOTAL APPROPRIATION	EXPENDED.	UNEXPENDED.	OVER-EXPENDED.
	CURRENT ACCOUNT.—*Continued.*				
	DEPARTMENT OF EDUCATION.				
52	GENERAL OFFICE: Page C 63 Main Estimates ..... $27,534 00 Special Warrant No. 36 ..... 120 00	$ 27,654 00	$ 19,203 24	$ 8,450 76	.....
53	FREE TEXT-BOOK BRANCH: Page C 63 Main Estimates ..... $68,556 00 Special Warrant No. 47..... 60 00	68,616 00	64,764 89	3,851 11	.....
54	AGRICULTURAL EDUCATION: Pages C 64-65 Main Estimates ..... $9,250 00 Special Warrant No. 47..... 180 00	9,430 00	9,430 00	.....	.....
55	INDUSTRIAL EDUCATION: Pages C 65-66 Main Estimates ..... $18,335 00 Supplementary Estimates 50 00	18,385 00	13,124 54	5,260 46	.....
56	INSPECTION OF SCHOOLS: Page C 66 Main Estimates	44,740 00	39,621 32	5,118 68	.....
57	NORMAL SCHOOL, VANCOUVER: Pages C 66-67 Main Estimates ..... $28,810 00 Special Warrant No. 47..... 210 00 Supplementary Estimates 200 00	29,220 00	27,605 65	1,614 35	.....
58	NORMAL SCHOOL, VICTORIA: Pages C 67-68 Main Estimates ..... $28,065 00 Special Warrant No. 47..... 203 30 Supplementary Estimates..... 210 00	28,478 30	26,121 11	2,357 19	.....
59	EDUCATION OF DEAF, DUMB, AND BLIND: Page C 68 Main Estimates ..... $11,500 00 Supplementary Estimates 2,000 00	13,500 00	13,499 26	74	.....
60	PER CAPITA GRANT TO CITIES: Pages C 68-69 Main Estimates ..... $510,000 00 Supplementary Estimates 20,000 00	530,000 00	526,942 30	3,057 70	.....
61	PER CAPITA GRANT TO MUNICIPALITIES: Pages C 69-70 Main Estimates	335,000 00	334,979 65	20 35	.....
62	PER CAPITA GRANT TO RURAL SCHOOL DISTRICTS: Page C 70 Main Estimates	125,000 00	116,217 30	8,782 70	.....
63	SALARIES OF TEACHERS IN ASSISTED SCHOOLS: Pages C 70-72 Main Estimates	345,000 00	302,815 90	42,184 10	.....
64	SALARIES OF TEACHERS IN E. & N. RAILWAY BELT: Pages C 72-73 Main Estimates	80,000 00	69,450 30	10,549 70	.....
65	GRANTS TO LIBRARIES: Page C 73 Main Estimates	500 00	462 48	37 52	.....
66	GRANT IN AID OF MANUAL TRAINING EQUIPMENT: Page C 73 Main Estimates	1,500 00	446 14	1,053 86	.....
67	ERECTION OF NEW BUILDINGS AND MAINTENANCE AND REPAIRS OF SCHOOL BUILDINGS: Pages C 73-74 Main Estimates	125,000 00	108,624 40	16,375 60	.....
68	EXAMINATION OF TEACHERS: Page C 74 Main Estimates	11,500 00	10,146 17	1,353 83	.....
69	EXAMINATION *re* HIGH SCHOOL ENTRANCE: Page C 74 Main Estimates ..... $2,000 00 Supplementary Estimates 3,000 00	5,000 00	2,416 25	2,583 75	.....
70	CONVEYING CHILDREN TO CENTRAL SCHOOLS: Page C 74 Main Estimates ..... $2,000 00 Special Warrant No. 39 ..... 3,700 00	5,700 00	4,396 35	1,303 65	.....
71	CONTINGENCIES: Page C 75 Main Estimates ..... $3000 00 Supplementary Estimates 1,200 00	4,200 00	4,199 99	01	.....
	STATUTORY: Pages C 75-77 Advances *re* Assessed School Taxes (chapter 74, "Public Schools Act Amendment Act, 1918").....	137,155 67	137,155 67	.....	.....
		1,945,578 97	1,831,622 91	113,956 06	.....
	DEPARTMENT OF FINANCE.				
72	MINISTER'S OFFICE: Page C 77 Main Estimates ..... $10,780 00 Special Warrant No. 36..... 120 00	10,900 00	10,657 77	242 23	.....
	Carried forward	$10,900 00	$10,657 77	$ 242 23	.....

No. of Vote.	SERVICE.	TOTAL APPROPRIATION	EXPENDED.	UNEXPENDED.	OVER-EXPENDED.
	Brought forward	$10,900 00	$10,657 77	$ 242 23	.....
	CURRENT ACCOUNT.—*Continued.*				
	DEPARTMENT OF FINANCE.—*Continued.*				
73	GENERAL OFFICE: Pages C 77-78 Main Estimates $25,051 00 Special Warrant No. 36 364 00	25,415 00	23,133 87	2,281 13	.....
74	INSPECTOR OF TRUST COMPANIES, PROBATE AND SUCCESSION DUTIES: Pages C 78-79 Main Estimates $10,920 00 Special Warrant No. 36 50 00	10,970 00	10,876 88	93 12	.....
75	CONTROLLING AND AUDIT BRANCH: Pages C 79-80 Main Estimates $42,970 00 Special Warrants Nos. 36 and 47 1,042 50	44,012 50	41,972 75	2,039 75	.....
76	SURVEYOR OF TAXES: Pages C 80-84 Main Estimates $79,630 00 Special Warrants Nos. 31 and 36 25,157 50	104,787 50	85,462 61	19,324 89	.....
77	BUREAU OF INFORMATION: Page C 84 Main Estimates $7,500 00 Special Warrant No. 36 64 17	7,564 17	2,469 53	5,094 64	.....
78	AGENT-GENERAL'S OFFICE, LONDON, ENGLAND: Pages C 84-86 Main Estimates	81,095 00	76,580 18	4,514 82	.....
	Government Agents and Assessors, etc.				
79	ALBERNI AGENCY: Page C 86 Main Estimates $6,954 00 Special Warrant No. 47 295 00	7,249 00	5,947 58	1,301 42	.....
80	ANYOX AGENCY: Page C 86 Main Estimates $3,020 00 Special Warrant No. 47 60 00	3,080 00	2,863 84	216 16	.....
81	ASHCROFT AGENCY: Page C 87 Main Estimates $4,556 00 Special Warrant No. 47 155 00	4,711 00	4,498 27	212 73	.....
82	ATLIN AGENCY: Page C 87 Main Estimates $9,492 00 Special Warrant No. 47 48 00	9,540 00	7,827 13	1,712 87	.....
83	BARKERVILLE SUB-AGENCY: Page C 87 Main Estimates $2,930 00 Special Warrant No. 47 95 00	3,025 00	2,919 60	105 40	.....
84	CLINTON AGENCY: Page C 88 Main Estimates $5,455 00 Special Warrant No. 47 252 00	5,707 00	5,037 23	669 77	.....
85	CRANBROOK AGENCY: Page C 88 Main Estimates $12,798 00 Special Warrant No. 47 410 00	13,208 00	11,548 63	1,659 37	.....
86	CUMBERLAND AGENCY: Pages C 88-89 Main Estimates $5,110 00 Special Warrant No. 47 200 00	5,310 00	5,284 55	25 45	.....
87	DUNCAN AGENCY: Page C 89 Main Estimates $4,579 00 Special Warrant No. 47 180 00	4,759 00	4,598 60	160 40	.....
88	FAIRVIEW AGENCY: Page C 89 Main Estimates $6,104 00 Special Warrant No. 47 100 00	6,204 00	5,534 64	669 36	.....
89	FERNIE AGENCY: Pages C 89-90 Main Estimates $8,310 00 Special Warrant No. 47 240 00	8,550 00	8,485 48	64 52	.....
90	FORT FRASER AGENCY: Page C 90 Main Estimates $3,389 00 Special Warrant No. 47 135 00	3,524 00	2,957 84	566 16	.....
91	FORT GEORGE AGENCY: Pages C 90-91 Main Estimates $8,580 00 Special Warrant No. 47 172 00	8,752 00	8,196 39	555 61	.....
92	GOLDEN AGENCY: Page C 91 Main Estimates $7,422 00 Special Warrant No. 47 270 00	7,692 00	7,226 45	465 55	.....
	Carried forward	$376,055 17	$334,079 82	$41,975 35	.....

No. of Vote.	SERVICE.		TOTAL APPROPRIATION	EXPENDED.	UNEXPENDED.	OVER-EXPENDED.
	Brought forward		$376,055 17	$334,079 82	$41,975 35	
	CURRENT ACCOUNT.—*Continued.*					
	DEPARTMENT OF FINANCE.—*Continued.*					
	Government Agents and Assessors, etc.—Continued.					
93	GRAND FORKS AGENCY:	Page C 91				
	Main Estimates	$5,119 00				
	Special Warrant No. 47	120 00				
	Statutory, sec. 46, "Civil Service Act, 1917"	45 00				
			5,284 00	5,274 22	9 78	
94	GREENWOOD AGENCY:	Page C 92				
	Main Estimates	$4,675 00				
	Special Warrant No. 47	92 00				
			4,767 00	4,359 10	407 90	
95	HAZELTON AGENCY:	Page C 92				
	Main Estimates	$10,755 00				
	Special Warrants Nos. 40 and 47	575 00				
			11,330 00	11,258 25	71 75	
96	KAMLOOPS AGENCY:	Page C 93				
	Main Estimates	$11,885 00				
	Special Warrant No. 47	560 00				
	Supplementary Estimates	575 00				
	Statutory, sec. 46, "Civil Service Act, 1917"	1,667 25				
			14,687 25	14,233 20	454 05	
97	KASLO AGENCY:	Page C 93				
	Main Estimates	$11,230 00				
	Special Warrant No. 47	649 00				
			11,879 00	10,950 13	928 87	
98	LILLOOET SUB-AGENCY:	Page C 94				
	Main Estimates	$4,036 00				
	Special Warrant No. 47	60 00				
			4,096 00	3,304 61	791 39	
99	NANAIMO AGENCY:	Page C 94				
	Main Estimates	$8,787 00				
	Special Warrants Nos. 2, 40, and 47	2,600 00				
	Statutory, sec. 46, "Civil Service Act, 1917"	2,566 61				
			13,953 61	11,762 68	2,190 93	
100	NELSON AGENCY:	Page C 95				
	Main Estimates	$10,620 00				
	Special Warrant No. 47	340 00				
			10,960 00	10,350 43	609 57	
101	NEW WESTMINSTER AGENCY:	Pages C 95-96				
	Main Estimates	$20,822 00				
	Special Warrants Nos. 2, 40, and 47	2,772 00				
			23,594 00	22,931 41	662 59	
102	NEW DENVER SUB-AGENCY:	Page C 96				
	Main Estimates		2,200 00	1,824 38	375 62	
103	NICOLA AGENCY:	Page C 96				
	Main Estimates	$3,927 00				
	Special Warrant No. 47	305 00				
			4,232 00	3,650 26	581 74	
104	150-MILE HOUSE AGENCY:	Page C 97				
	Main Estimates	$3,433 00				
	Special Warrant No. 47	21 00				
			3,454 00	3,009 78	444 22	
105	PRINCE RUPERT AGENCY:	Pages C 97-98				
	Main Estimates	$21,180 00				
	Special Warrant No. 47	627 50				
	Statutory, sec. 46, "Civil Service Act, 1917"	316 08				
			22,123 58	22,039 44	84 14	
106	PRINCETON AGENCY:	Page C 98				
	Main Estimates	$3,973 00				
	Special Warrant No. 47	120 00				
			4,093 00	3,996 56	96 44	
107	QUESNEL AGENCY:	Pages C 98-99				
	Main Estimates	$17,120 00				
	Special Warrant No. 47	348 00				
			17,468 00	15,735 86	1,732 14	
108	QUEEN CHARLOTTE ISLANDS SUB-AGENCY:	Page C 99				
	Main Estimates	$1,050 00				
	Special Warrant No. 47	60 00				
			1,110 00	1,108 35	1 65	
109	REVELSTOKE AGENCY:	Page C 99				
	Main Estimates	$11,322 00				
	Special Warrant No. 47	330 00				
	Supplementary Estimates (part Vote 118A)	60 00				
			11,712 00	10,263 38	1,448 62	
110	ROSSLAND AGENCY:	Pages C 99-100				
	Main Estimates	$8,290 00				
	Special Warrant No. 47	280 00				
			8,570 00	8,118 48	451 52	
111	TELEGRAPH CREEK AGENCY:	Page C 100				
	Main Estimates	$2,180 00				
	Special Warrant No. 47	60 00				
			2,240 00	2,155 50	84 50	
	Carried forward		$553,808 61	$500,405 84	$53,402 77	

No. of Vote.	SERVICE.	TOTAL APPROPRIATION	EXPENDED.	UNEXPENDED.	OVER-EXPENDED.
	Brought forward	$553,808 61	$500,405 84	$53,402 77	.....
	CURRENT ACCOUNT.—*Continued.*				
	DEPARTMENT OF FINANCE.—*Concluded.*				
	Government Agents and Assessors, etc.—Concluded.				
112	TROUT LAKE SUB-AGENCY: Page C 100				
	Main Estimates $1,345 00				
	Special Warrant No. 47 180 00				
		1,525 00	1,419 44	105 56	.....
113	VANCOUVER AGENCY: Pages C 100-102				
	Main Estimates $70,320 00				
	Special Warrants Nos. 40 and 47 3,769 00				
	Statutory, sec. 46, "Civil Service Act, 1917" 1,571 01				
		75,660 01	75,125 98	534 03	.....
114	VERNON AGENCY: Pages C 102-103				
	Main Estimates $14,079 00				
	Special Warrant No. 47 300 00				
		14,379 00	11,632 39	2,746 61	.....
115	VICTORIA ASSESSOR: Page C 103				
	Main Estimates $14,544 00				
	Special Warrants Nos. 36 and 40 1,876 00				
	Statutory, sec. 46, "Civil Service Act, 1917" 648 51				
		17,068 51	16,885 31	183 20	.....
116	WILMER SUB-AGENCY: Page C 104				
	Main Estimates $2,085 00				
	Special Warrant No. 47 100 00				
		2,185 00	2,184 65	35	.....
117	YALE SUB-AGENCY: Page C 104				
	Main Estimates $2,776 00				
	Special Warrant No. 47 124 00				
	Supplementary Estimates (part Vote 118A) 64 00				
		2,964 00	2,176 70	787 30	.....
118	SUNDRY SUB-AGENCIES: Pages C 104-105				
	Main Estimates $1,020 00				
	Statutory, sec. 46, "Civil Service Act, 1917" 420 00				
		1,440 00	1,373 52	66 48	.....
119	PRINTING PUBLIC ACCOUNTS: Page C 105				
	Main Estimates	4,500 00	3,573 80	926 20	.....
120	INTEREST ON SUITORS' FUNDS AND OFFICIAL GUARDIAN DEPOSITS: Page C 105				
	Main Estimates	6,000 00	1,065 91	4,934 09	.....
121	DELINQUENT EXTRA MUNICIPAL SCHOOL TAXES: Page C 106				
	Main Estimates	10,000 00	9,960 32	39 68	.....
122	OPERATION OF THE "AMUSEMENTS TAX ACT" (SALARIES AND EXPENSES): Page C 106				
	Main Estimates $5,820 00				
	Special Warrant No. 47 140 00				
		5,960 00	5,134 95	825 05	.....
123	PREMIUM ON FIRE INSURANCE, FAIRVIEW WORKS: Page C 106				
	Main Estimates	866 00	.....	866 00	.....
124	MISCELLANEOUS, NOT DETAILED IN ESTIMATES: Pages C 106-107				
	Main Estimates $50,000 00				
	Special Warrant No. 40 25,000 00				
	Supplementary Estimates 10,000 00				
		85,000 00	74,464 23	10,535 77	.....
	STATUTORY: Pages C 107-108				
	Chapter 64, 1917, "Board of Taxation Act"	3,243 74	3,243 74	.....	.....
	Chapter 32, 1918, payment to Lady McBride and children of late Hon. H. C. Brewster	10,000 00	10,000 00	.....	.....
	Section 155, chapter 222, 1911, "Mineral Tax Refunds"	152 65	152 65	.....	.....
	Section 53, chapter 22, "Revenue Act, 1911"	105 00	105 00	.....	.....
	SPECIAL WARRANTS: Page C 108				
	No. 5. Refund to Harry Jones	749 40	749 40	.....	.....
	No. 24. Grant to City of Prince Rupert	2,466 78	2,466 78	.....	.....
		798,073 70	722,120 61	75,953 09	.....
125	DEPARTMENT OF FISHERIES. Page C 108				
	Main Estimates $17,175 00				
	Special Warrant No. 36 120 00				
		17,295 00	14,059 21	3,235 79	.....
	DEPARTMENT OF LANDS.				
126	MINISTER'S OFFICE: Page C 109				
	Main Estimates $11,110 00				
	Special Warrants Nos. 29 and 36 1,060 00				
		12,170 00	11,722 71	447 29	.....
127	GENERAL OFFICE (SALARIES): Pages C 109-110				
	Main Estimates $81,482 00				
	Special Warrant No. 36 2,868 50				
		84,350 50	81,789 20	2,561 30	.....
	Carried forward	$96,520 50	$93,511 91	$3,008 59	.....

No. of Vote.	SERVICE.	TOTAL APPROPRIATION	EXPENDED.	UNEXPENDED.	OVER-EXPENDED.
	Brought forward	$ 96,520 50	$ 93,511 91	$ 3,008 59	
	CURRENT ACCOUNT.—*Continued.*				
	DEPARTMENT OF LANDS.—*Continued.*				
128	LANDS BRANCH (SALARIES): Page C 110 Main Estimates $7,144 00 Special Warrants Nos. 36 and 47 340 00	7,484 00	7,484 00		
129	FOREST BRANCH (SALARIES): Pages C 110-111 Main Estimates $132,876 00 Special Warrants Nos. 25, 36, and 47 10,135 80	143,011 80	131,632 18	11,379 62	
130	WATER BRANCH (SALARIES): Page C 112 Main Estimates $31,280 00 Special Warrant No. 36 303 33	31,583 33	29,843 04	1,740 29	
131	SURVEY BRANCH (SALARIES): Page C 112 Main Estimates $42,816 00 Special Warrant No. 36 1,112 00	43,928 00	42,508 48	1,419 52	
132	TEMPORARY ASSISTANCE (SALARIES): Pages C 112-113 Main Estimates $10,000 00 Special Warrant No. 36 50 00	10,050 00	9,658 65	391 35	
133	EXPENSES, GENERAL OFFICE AND BRANCHES: Pages C 113-118 Main Estimates $84,700 00 Special Warrant No. 25 7,000 00	91,700 00	89,317 87	2,382 13	
134	FOREST PROTECTION FUND ("FOREST ACT"): Page C 119 Main Estimates $120,000 00 Statutory 14,792 99	134,792 99	134,792 99		
135	LUMBER TRADE EXTENSION: Page C 119 Main Estimates	5,000 00	4,997 52	2 48	
136	RAINFALL AND CLIMATIC STATISTICS: Page C 119 Main Estimates	700 00	628 45	71 55	
137	EXPENSES *re* PUBLIC IRRIGATION CORPORATIONS: Page C 119 Main Estimates	2,000 00	1,235 20	764 80	
138	GENERAL WATER SURVEYS: Pages C 119-120 Main Estimates	20,000 00	8,826 69	11,173 31	
139	WELL-DRILLING, SALARIES, AND EXPENSES: Page C 120 Main Estimates	6,000 00	5,998 55	1 45	
140	CONSERVATION FUND: Page C 120 Main Estimates	50,000 00	50,000 00		
141	LITHOGRAPH MAPS: Page C 120 Main Estimates	5,000 00	1,168 90	3,831 10	
142	LAND SURVEYS: Page C 120 Main Estimates	70,000 00	69,956 05	43 95	
143	PHOTO-TOPOGRAPHICAL SURVEYS: Page C 121 Main Estimates	12,000 00	11,659 35	340 65	
144	GENERAL INVESTIGATIONS: Page C 121 Main Estimates	5,000 00	4,158 41	841 59	
145	IRRIGATION CONVENTION, NELSON: Page C 121 Main Estimates	500 00	500 00		
145A	REFUND *re* PURCHASE OF LOT NO. 2426, OSOYOOS: Page C 121 Supplementary Estimates	1,080 00	1,080 00		
145B	REFUND *re* TIMBER LICENCE NO. 11931: Page C 121 Supplementary Estimates	872 00	872 00		
145C	EX-COMPTROLLER OF WATER RIGHTS: Page C 121 Supplementary Estimates	666 66	666 66		
145D	COMPENSATION *re* TIMBER LICENCE NO. 38756: Page C 121 Supplementary Estimates	4,000 00	4,000 00		
	STATUTORY: Pages C 121-122 Chapter 80, 1918, "Soldiers' Land Act" 15,287 88 Chapter 46, 1919, "Pre-emptors' Free Grants Act" 1,211 10	16,499 98	16,499 98		
	SPECIAL WARRANTS: Page C 122 No. 6. Refund *re* Papworth and Stevenson 1,870 08 No. 6. Compensation *re* W. Foster 700 00 No. 17. *Re* Brooks, Scanlon, & Co. 900 00 No. 27. Gratuity to the widow of W. J. W. Brown 345 00	3,815 08	3,815 08		
	Carried forward	$762,203 34	$724,810 96	$37,392 38	

No. of Vote.	SERVICE.	TOTAL APPROPRIATION	EXPENDED.	UNEXPENDED.	OVER-EXPENDED.
	Brought forward	$762,203 34	$724,810 96	$37,392 38	
	CURRENT ACCOUNT.—*Continued.*				
	DEPARTMENT OF LANDS.—*Concluded.*				
	SPECIAL WARRANTS—*Concluded.* Page C 122				
	No. 30. Gratuity to the widow of J. R. Creelman	345 00	345 00		
	No. 42. Compensation *re* J. Martin	950 00	950 00		
	No. 50. *Re* claim G. S. McTavish	1,500 00	1,500 00		
	No. 50. Clearing and improving Lots 71 and 72, Group 1, N. W. District	25,000 00	16 50	24,983 50	
		$789,998 34	$727,622 46	$62,375 88	
146	DEPARTMENT OF LABOUR. Pages C 122-124				
	Main Estimates $16,170 00				
	Special Warrants Nos. 36 and 45 13,200 00				
	Statutory 1,196 37				
		30,566 37	20,036 55	10,529 82	
	DEPARTMENT OF MINES.				
147	MINISTER'S OFFICE: Page C 125				
	Main Estimates $9,550 00				
	Special Warrant No. 36 60 00				
		9,610 00	9,217 20	392 80	
148	GENERAL OFFICE: Page C 125				
	Main Estimates $16,800 00				
	Special Warrant No. 36 316 00				
		17,116 00	16,480 89	635 11	
149	MINES INSPECTION BRANCH: Page C 126				
	Main Estimates	29,890 00	28,014 52	1,875 48	
150	BUREAU OF MINES: Page C 126				
	Main Estimates	16,184 00	12,872 52	3,311 48	
151	MINE-RESCUE AND TRAINING STATIONS: Pages C 126-127				
	Main Estimates	13,820 00	9,410 43	4,409 57	
152	COAL-MINERS' EXAMINATIONS: Pages C 127-128				
	Main Estimates	4,000 00	3,466 03	533 97	
153	FIRST-AID WORK: Page C 128				
	Main Estimates	2,760 00	2,755 52	4 48	
154	GRANT TO VANCOUVER CHAMBER OF MINES: Page C 128				
	Main Estimates	2,500 00	2,500 00		
155	"MINES DEVELOPMENT ACT," SUPPLEMENTARY: Page C 128				
	Main Estimates	75,000 00	72,725 21	2,274 79	
156	"MINERAL SURVEY AND DEVELOPMENT ACT," SUPPLEMENTARY: Page C 129				
	Main Estimates	25,000 00	24,931 66	68 34	
	STATUTORY: Page C 129				
	"Mines Development Act, 1916"	60,000 00		60,000 00	
	"Mineral Survey and Development Act, 1917"	80,000 00	19,672 26	60,327 74	
	"Coal-mines Regulation Act," chapter 160, 1911	1,268 75	1,268 75		
	"Placer Mining Act," chapter 165, 1911	25 00	25 00		
		$337,173 75	203,339 99	133,833 76	
	DEPARTMENT OF THE PROVINCIAL SECRETARY.				
157	MINISTER'S OFFICE: Page C 130				
	Main Estimates $8,770 00				
	Special Warrant No. 36 170 00				
		8,940 00	8,583 03	356 97	
158	GENERAL OFFICE: Page C 130				
	Main Estimates $10,326 00				
	Special Warrants Nos. 35 and 36 1,710 00				
	Supplementary Estimates 1,000 00				
		13,036 00	12,294 19	741 81	
159	PROVINCIAL BOARD OF HEALTH: Pages C 130-134				
	Main Estimates $32,718 00				
	Special Warrants Nos. 28, 36, 37, 47, and 48 40,390 00				
	Supplementary Estimates 25,000 00				
		98,108 00	92,854 42	5,253 58	
160	PROVINCIAL MUSEUM: Pages C 134-135				
	Main Estimates $8,400 00				
	Special Warrant No. 36 330 00				
		8,730 00	7,447 62	1,282 38	
161	MENTAL HOSPITAL, NEW WESTMINSTER: Pages C 135-140				
	Main Estimates $157,008 00				
	Special Warrants Nos. 22 and 47 5,459 33				
	Supplementary Estimates 5,000 00				
		167,467 33	162,524 79	4,942 54	
	Carried forward	$296,281 33	$283,704 05	$12,577 28	

No. of Vote.	SERVICE.	TOTAL APPROPRIATION	EXPENDED.	UNEXPENDED.	OVER-EXPENDED.
	Brought forward	$296,281 33	$283,704 05	$12,577 28	
	CURRENT ACCOUNT.—*Continued.*				
	DEPARTMENT OF THE PROVINCIAL SECRETARY.—*Continued.*				
162	MENTAL HOSPITAL, ESSONDALE: Pages C 140-144 Main Estimates $216,098 00 Special Warrant No. 22 8,777 85	224,875 85	216,787 63	8,088 22	
163	COLONY FARM AND NURSERY: Pages C 145-147 Main Estimates $50,125 00 Special Warrants Nos. 1 and 16 5,500 00 Supplementary Estimates 2,000 00	57,625 00	62,401 25		$4,776 25
164	PROVINCIAL HOME, KAMLOOPS: Pages C 147-148 Main Estimates $33,172 00 Special Warrant No. 47 300 00	33,472 00	33,019 53	452 47	
165	STATUTORY GRANTS TO HOSPITALS: Pages C 148-149 Main Estimates $350,000 00 Supplementary Estimates 100,000 00	450,000 00	448,358 72	1,641 28	
166	SPECIAL GRANTS TO HOSPITALS: Page C 149 Main Estimates $30,000 00 Special Warrant No. 41 15,000 00	45,000 00	45,000 00		
167	GRANTS TO REFUGE HOMES, AID SOCIETIES, ETC.: Page C 149 Main Estimates $17,000 00 Special Warrant No. 23 5,000 00	22,000 00	14,600 00	7,400 00	
168	IN AID OF DESTITUTE POOR AND SICK: Pages C 150-151 Main Estimates $20,000 00 Supplementary Estimates 1,000 00	21,000 00	20,977 51	22 49	
169	IN AID OF RESIDENT PHYSICIANS: Pages C 151-152 Main Estimates	11,050 00	7,175 98	3,874 02	
170	BURIAL OF INDIGENT PERSONS: Page C 152 Main Estimates	3,000 00	2,653 73	346 27	
171	KING'S PRINTER: Pages C 152-155 Main Estimates $152,928 00 Special Warrants Nos. 36 and 47 635 00	153,563 00	144,527 82	9,035 18	
172	REGISTRATION OF VOTERS: Page C 155 Main Estimates $2,000 00 Supplementary Estimates 1,000 00	3,000 00	2,478 04	521 96	
173	ROYAL COMMISSIONS: Page C 155 Main Estimates	1,500 00	981 50	518 50	
174	GRANTS TO CIVIL SERVANTS AND EMPLOYEES ON MILITARY DUTY: Pages C 155-156 Main Estimates	125,000 00	82,802 29	42,197 71	
175	GRANT TO UNIVERSITY OF BRITISH COLUMBIA: Page C 156 Main Estimates $220,000 00 Special Warrants Nos. 14 and 48 48,500 00	268,500 00	268,500 00		
175A	UNIVERSITY OF B.C. *re* KING'S PRINTER: Page C 156 Supplementary Estimates	3,500 00	3,078 92	421 08	
176	GRANT TO TRANQUILLE SANATORIUM FOR NEW WING (CONDITIONAL): Page C 156 Main Estimates	75,000 00	75,000 00		
177	GRANT TO CITY OF GREENWOOD: Page C 156 Main Estimates	1,000 00	1,000 00		
178	GRANT TO CITY OF PHOENIX: Page C 157 Main Estimates	4,500 00	4,500 00		
179	GRANT TO CITY OF ROSSLAND: Page C 157 Main Estimates	12,000 00	12,000 00		
180	GRANT TO Y.M.C.A. *re* OVERSEAS SERVICE: Page C 157 Main Estimates	7,500 00	7,500 00		
181	GRANT TO PACIFIC NORTH-WEST TOURIST ASSOCIATION: Page C 157 Main Estimates	11,250 00	11,250 00		
182	GRANT FOR PATRIOTIC PURPOSES: Page C 157 Main Estimates	24,000 00	20,038 18	3,961 82	
183	"CIVIL SERVICE ACT": Pages C 157-158 Main Estimates $3,000 00 Special Warrants Nos. 36 and 48 2,085 00	5,085 00	5,084 52	48	
	Carried forward	$1,859,702 18	$1,773,419 67	$91,058 76	$4,776 25

No. of Vote.	SERVICE.	TOTAL APPROPRIATION	EXPENDED.	UNEXPENDED.	OVER-EXPENDED.
	Brought forward	$1,859,702 18	$1,773,419 67	$ 91,058 76	$4,776 25
	CURRENT ACCOUNT.—*Concluded.*				
	DEPARTMENT OF THE PROVINCIAL SECRETARY.—*Concluded.*				
184	SUPERANNUATION: Page C 158				
	Main Estimates	$45,000 00			
	Special Warrant No. 18	700 00			
	Statutory	6,000 00			
		51,700 00	46,073 50	5,626 50	.....
185	CONTINGENCIES: Page C 158				
	Main Estimates	1,000 00	202 65	797 35	.....
185A	SAANICH HOSPITAL FOR CRIMINAL INSANE: Pages C 158-159				
	Special Warrant No. 48	$13,500 00			
	Supplementary Estimates	1,000 00			
		14,500 00	9,042 45	5,457 55	.....
	SPECIAL WARRANTS: Page C 159				
	Nos. 11 and 44. Expenses of Elections	6,000 00	4,833 14	1,166 86	.....
	No. 4. Invalid Soldiers' Commission	30,000 00	30,000 00	.....	.....
		$1,962,902 18	1,863,571 41	104,107 02	4,776 25
	DEPARTMENT OF PUBLIC WORKS.				
186	MINISTER'S OFFICE: Page C 160				
	Main Estimates	$9,765 00			
	Special Warrant No. 36	60 00			
		9,825 00	9,823 87	1 13	.....
187	GENERAL OFFICE: Pages C 160-161				
	Main Estimates	$41,340 00			
	Special Warrants Nos. 36 and 47	1,190 00			
	Statutory, sec. 46, "Civil Service Act, 1917"	231 25			
		42,761 25	42,735 06	26 19	.....
188	DISTRICT ENGINEERS: Pages C 161-162				
	Main Estimates	$37,700 00			
	Special Warrant No. 47	820 00			
	Statutory, sec. 46, "Civil Service Act, 1917"	1,050 00			
		39,570 00	38,856 25	713 75	.....
189	STEAM BOILER INSPECTION: Pages C 162-163				
	Main Estimates	$52,866 00			
	Special Warrant No. 47	30 00			
		52,896 00	46,936 47	5,959 53	.....
190	"ELECTRICAL ENERGY INSPECTION ACT": Page C 163				
	Main Estimates	5,980 00	5,734 62	245 38	.....
191	"FACTORIES ACT": Page C 163				
	Main Estimates	6,949 00	6,597 57	351 43	.....
192	MAINTENANCE OF GOVERNMENT HOUSE AND GROUNDS: Pages C. 163-164				
	Main Estimates	$13,868 00			
	Special Warrant No. 3	300 00			
	Supplementary Estimates	800 00			
		14,968 00	14,968 76	.....	76
193	MAINTENANCE OF PARLIAMENT BUILDINGS AND GROUNDS: Pages C 164-166				
	Main Estimates	$74,999 00			
	Special Warrants Nos. 36 and 47	3,652 89			
	Statutory, sec. 46, "Civil Service Act, 1917"	3,758 67			
		82,410 56	79,063 69	3,346 87	.....
194	ROADS, STREETS, BRIDGES, AND WHARVES: Pages C 166-212				
	Main Estimates	$1,427,040 00			
	Special Warrants Nos. 26 and 46	171,450 00			
		1,598,490 00	1,452,483 12	146,006 88	.....
195	STEAMBOATS, FERRIES, AND BRIDGE TENDERS: Pages C 212-221				
	Main Estimates	$124,433 00			
	Special Warrants Nos. 13 and 46	27,750 00			
	Supplementary Estimates	20,000 00			
		172,183 00	152,282 27	19,900 73	.....
	SPECIAL WARRANT: Page C 221				
	No. 10. Merchants Bank of Canada *re* Saanich Prison Farm	2,400 00	2,400 00	.....	.....
		$2,028,432 81	1,851,881 68	176,551 89	76
	DEPARTMENT OF RAILWAYS.				
196	GENERAL OFFICE: Page C 222				
	Main Estimates	$16,730 00			
	Special Warrant No. 47	165 00			
		16,895 00	13,309 58	3,585 42	.....
197	FRASER RIVER BRIDGE, NEW WESTMINSTER: Pages C 222-223				
	Main Estimates	25,000 00	17,489 69	7,510 31	.....
		$41,895 00	30,799 27	11,095 73	.....

No. of Vote.	SERVICE.	TOTAL APPROPRIATION	EXPENDED.	UNEXPENDED.	OVER-EXPENDED.
	CAPITAL EXPENDITURES.				
198	SINKING FUNDS: Page C 224 Main Estimates	$718,940 00	$676,988 90	$41,951 10	.....
199	NAKUSP AND SLOCAN RAILWAY COMPANY: Page C 224 Main Estimates	11,500 00	8,286 14	3,213 86	.....
200	PACIFIC GREAT EASTERN RAILWAY CO.: Page C 224 Main Estimates $907,200 00 Statutory 1,463 79	908,663 79	908,663 79	.....	.....
201	WELLINGTON COLLIERIES RAILWAY CO.: Page C 224 Main Estimates	15,000 00	15,000 00	.....	.....
202	BRITISH COLUMBIA HOUSE, LONDON, ENGLAND: Page C 224 Main Estimates	9,750 00	9,700 00	50 00	.....
203	SONGHEES RESERVE: Pages C 224-225 Main Estimates	50,000 00	11,185 80	38,814 20	.....
204	MENTAL HOSPITAL, ESSONDALE: Page C 225 Main Estimates	10,700 00	9,010 43	1,689 57	.....
205	COLONY FARM, ESSONDALE: Page C 225 Main Estimates	4,000 00	3,835 77	164 23	.....
206	ROADS, STREETS, BRIDGES, AND WHARVES: Page C 225-226 Main Estimates	208,650 00	22,036 96	186,613 04	.....
207	FERRIES: Page C 226 Main Estimates	17,700 00	.....	17,700 00	.....
208	GIRLS' INDUSTRIAL SCHOOL: Page C 226 Supplementary Estimates	2,772 83	2,772 83	.....	.....
	STATUTORY: Page C 226 Grand Trunk Pacific Railway Company, chap. 31, 1918	200,000 00	200,000 00	.....	.....
	"Soldiers' Land Act," chap. 80, 1918	357,060 65	357,060 65	.....	.....
		$2,514,737 27	$2,224,541 27	$290,196 00	.....
	RECAPITULATION.				
	CURRENT ACCOUNT:				
	Public Debt	$1,637,787 77	$1,413,725 37	$224,062 40	.....
	Legislation	101,500 00	101,291 18	208 82	.....
	Premier's Office	12,960 00	12,584 09	375 91	.....
	Department of Agriculture	277,432 72	228,798 19	48,634 53	.....
	Department of the Attorney-General	1,049,934 59	866,291 70	183,642 89	.....
	Department of Education	1,945,578 97	1,831,622 91	113,956 06	.....
	Department of Finance	798,073 70	722,120 61	75,953 09	.....
	Department of Fisheries	17,295 00	14,059 21	3,235 79	.....
	Department of Lands	789,998 34	727,622 46	62,375 88	.....
	Department of Labour	30,566 37	20,036 55	10,529 82	.....
	Department of Mines	337,173 75	203,339 99	133,833 76	.....
	Department of the Provincial Secretary	1,962,902 18	1,863,571 41	104,107 02	$4,776 25
	Department of Public Works	2,028,432 81	1,851,881 68	176,551 89	76
	Department of Railways	41,895 00	30,799 27	11,095 73	.....
	Total Current Account	$11,031,531 20	$9,887,744 62	$1,148,563 59	$4,777 01
	CAPITAL ACCOUNT	2,514,737 27	2,224,541 27	290,196 00	.....
	Totals for fiscal year 1918-19	$13,546,268 47	$12,112,285 89	$1,438,759 59	$4,777 01

DETAILS OF EXPENDITURE

FOR THE

FISCAL YEAR ENDED 31ST MARCH, 1919

CURRENT ACCOUNT

No. of Vote.	SERVICE.		Expended.
1.	PUBLIC DEBT.		
	Interest ($1,174,435.93) :		
	"Loan Acts, 1891, 1893, 1895, 1899, and 1902"—12 months' interest @ 3% on amount of Inscribed Stock, viz., $9,921,936	$297,658 08	
	"Loan Act 1914"—12 months' interest @ 4½% on amount of Inscribed Stock, viz., $7,275,000	327,375 00	
	"Loan Act, 1915"—12 months' interest @ 4½% on Debentures of $3,130,000	140,850 00	
	"Loan Act, 1916"—12 months' interest @ 4½% on Debentures of $2,000,000	90,000 00	
	"Loan Act, 1916"—12 months' interest @ 5% on Debentures of $1,000,000	50,000 00	
	"Loan Act, 1917"—Interest @ 5% on Debentures of $800,000	30,416 65	
	"Loan Act, 1918"—Interest @ 5½% on Debentures of $3,000,000	11,753 42	
	Dyking Debentures, 1897 and 1899—12 months' interest @ 3½% on $445,000	15,575 00	
	"Loan Act, 1916"—Interest @ 5% on Treasury Bill of $500,000	2,054 79	
	"Loan Act, 1917"—Interest @ 5% on Treasury Bill of $250,000	1,027 39	
	"Loan Act, 1918"—Interest @ 6% on Treasury Bill of $3,000,000	141,410 95	
	"Corporation of the District of South Vancouver Aid Act, 1918"—Interest @ 6% on Treasury Notes of $790,000	44,670 82	
	"Revenue Act"—Interest @ 5% on Bank Overdrafts	21,643 83	
			$1,174,435 93
	Premium and Exchange ($4,200.33) :		
	Premium on remittance for payment of Coupons "Loan Acts, 1915 and 1916"		4,200 33
	Discount and Commission ($235,089.11) :		
	½ of 1% Commission to Loan Trustees on sums invested	$ 471 83	
	Brokerage, etc., on Sinking Fund investments	105 97	
	Annual Commission for inscribing and paying interest on Inscribed Stock	5,820 00	
	Dividend Warrant Stamps and Postage in London	264 87	
	Commission for payment of Interest on Loans of 1915 and 1916	316 75	
	"Loan Act, 1916"—Discount on sale of $1,000,000 5% 10-year Debentures	134,700 00	
	"Loan Act, 1917"—Discount on sale of $500,000 5% 20-year Debentures	64,350 00	
	"Loan Act, 1918"—Discount on sale of $3,000,000 6% 5-year Treasury Bills $63,167.97, less rebate $54,508.28	8,659 69	
	"Loan Act, 1918"—Discount on sale of $3,000,000 5½% 20-year Debentures	20,400 00	
			235,089 11
	Total expenditure, Public Debt		$1,413,725 37

No. of Vote.	SERVICE.	Expended.

2. LEGISLATION.

Members' Indemnities ($82,334.50):

Forty-seven Members @ $1,600 each:

Anderson, F. W.	Mobley, F. H.
Barrow, Hon. E. D.	McDonald, A.
Bell, G.	McGeer, G. G.
Bowser, W. J.	McIntosh, J. W.
Buckham, J. A.	McKenzie, W. A.
Burde, R. J.	Nelson, C. F.
Cowper, J. S.	Oliver, Hon. J.
Duncan, K. F.	Pattullo, Hon. T. D.
Farris, Hon. J. W. de B.	Pauline, F. A.
Fisher, A. I.	Pooley, R. H.
Giolma, F. W. H.	Rose, W. O.
Hall, H. C.	Ross, W. R.
Hanes, G. S.	Schofield, J. H.
Hart, Hon. J.	Sloan, Hon. W.
Hawthornthwaite, J. H.	Smith, Mrs. M. E.
Jackson, M. B.	Stewart, H.
Jones, J. W.	Sutherland, W. H.
Keen, Hon. J.	Thompson, J. E. W.
King, Hon. J. H.	Walters, J.
Macdonald, K. C.	Weart, J. W.
Macdonald, M. A.	Whiteside, D.
MacKenzie, F. J. A.	Willson, W. D.
MacLean, Hon. J. D.	Yorston, J. M.
Manson, A. M.	$ 75,200 00

Mileage:

Anderson, F. W.	$165 00	McIntosh, J. W.	$ 40 00		
Buckham, J. A.	277 50	McKenzie, W. A.	218 50		
Burde, R. J.	67 00	Nelson, C. F.	278 00		
Cowper, J. C.	40 00	Rose, W. O.	320 00		
Duncan, K. F.	20 00	Ross, W. R.	40 00		
Fisher, A. I.	400 00	Schofield, J. H.	335 00		
Hanes, G. S.	40 00	Smith, Mrs. M. E.	40 00		
Jones, J. W.	252 00	Stewart, H.	100 00		
Keen, Hon. J.	321 00	Sutherland, W. H.	230 00		
Macdonald, K. C.	230 50	Thompson, J. E. W.	297 50		
Macdonald, M. A.	40 00	Walters, J.	40 00		
MacKenzie, F. J. A.	57 00	Weart, J. W.	40 00		
Manson, A. M.	326 50	Whiteside, D.	46 00		
Mobley, F. H.	592 50	Willson, W. D.	338 50		
McDonald, A.	160 00	Yorston, J. M.	242 00		
McGeer, G. G.	40 00			5,634 50	

Statutory Allowance to the Leader of the Opposition:

Bowser, W. J.	1,500 00	
		$ 82,334 50

Salaries ($9,394.65):

Speaker of the House	Hon. J. Keen	$ 1,800 00
Deputy Speaker of the House	A. M. Manson	500 00
Clerk of the House	T. Fell	1,200 00
Law Clerk	C. K. Courteney	600 00
Sergeant-at-Arms	J. Cronk	500 00
Assistant Sergeant-at-Arms	T. L. Barbour	290 00
Secretary	H. Hearns	290 00

Attendants:

Ashdown, H.	$ 29 20	Goldie, W. N.	$237 50	
Cannon, J.	241 75	Griffin, A. J.	241 75	
Carr, E.	216 75	McLeod, M. J.	216 75	
Christianson, E. V. A.	233 35	Orpen, C. H.	216 75	
Cook, D. J.	216 60	Sellick, R.	216 60	
Galloway, G.	241 75			2,308 75

Pages:

Donaldson, J. R. M.	63 75	McDonald, R.	7 50	
Haydock, A.	42 50	Nash, G.	60 00	
Carried forward			$ 7,488 75	$ 82,334 50

No. of Vote.	SERVICE.	Expended.	
2.	LEGISLATION—*Concluded.*		
	Brought forward	$ 7,488 75	$ 82,334 50
	Salaries—*Concluded.*		
	Pages—*Concluded.*		
	Kay, T. ..... $ 70 00 — Nunn, W. R. ..... $ 11 25		
	Lennes, C. ..... 62 50 — Simpson, R. A. 63 75	381 25	
	Stenographers:		
	Abbott, V. M. ..... 65 00 — Knight, E. M. 15 00		
	Burrell, J. ..... 52 50 — Leclerq, L. A. 157 50		
	Caunter, G. ..... 70 00 — Mellor, L. 135 00		
	Hearns, J. M. ..... 157 50 — Palmer, M. 115 00		
	Hickman, M. A. ..... 112 50 — Simpson, E. 62 50	942 50	
	Unforeseen and unprovided:		
	Forsyth, J. ..... 60 00 — Palmer, M. 100 00		
	Hosie, J. ..... 182 15 — Starr, A. E. 50 00		
	MacDonald, N. F. .... 190 00 —	582 15	
			9,394 65
	Expenses ($9,562.03):		
	Office Supplies, etc.:		
	B.C. Telephone Co., $157.05; King's Printer, $1,030.99; postage, $370.52; Vancouver "Province," $7.25; Vancouver "Sun," $22.68; Vancouver "World," $4.20; Victoria "Colonist," $9; Victoria "Times," $183.40; W. & J. Wilson, $3.50	$ 1,783 87	
	Printing, Binding, etc.:		
	King's Printer	5,190 03	
	Furniture and Fixtures:		
	Macey Office Equip. Co., $80; United Typewriter Co., $17.10..	97 10	
	Select Standing Committees:		
	Justin Gilbert, $138; T. Harris, $84.08; H. Langley, $189.75; R. Telford, $83.20; R. Walmsley, $110.05; G. Young, $84.28..	689 36	
	Incidentals:		
	B.C. Telephone Co., $19.45; R. A. Brown, $6.65; W. Cathcart & Co., $7.40; City of Victoria, $3.68; Columbia Paper Co., $8; Comrades' Auto Stand, $12; King's Printer, $501.66; P. McQuade & Son., Ltd., $1; O'Connell's, Ltd., $15; R. P. Rithet & Co., $12.15; N. F. MacDonald, $1,002.25; J. Smith, $11.50; Tibbitts & Keys, $5; Victoria Steam Laundry, $71.01; Victoria Gas Co., $27.51; Weiler Bros., $78.66; B. Wilson Co., $12.75; W. & J. Wilson, $6	1,801 67	
			9,562 03
	Total expenditure, Legislation		$ 101,291 18
3.	PREMIER'S OFFICE.		
	Salaries ($10,410):		
	The Premier ..... Hon. John Oliver	$ 7,500 00	
	Secretary ..... W. W. Baer	1,860 00	
	Stenographer ..... H. M. Mullaly	1,050 00	
		$ 10,410 00	
	Expenses ($2,174.09):		
	Office Supplies:		
	F. Allbutt, $37.50; B.C. Telephone Co., $208.18; C.P.R. Telegraph Co., $289.31; Dominion Government Telegraphs, 95c.; General Cartage Association, $1; G.N.W. Telegraph Co., $240.62; King's Printer, $266.76; Nelson "Daily News," $2.50; postage, $103.42; Public Works Department (labour), $1.20; Vancouver "Daily Province," $4; Vancouver "Daily Sun," $4; Victoria "Daily Colonist," $9; Victoria "Daily Times," $13.20	1,181 64	
	Travelling Expenses:		
	Hon. John Oliver	992 45	
	Total expenditure, Premier's Office		$ 12,584 09

Vote. No. of	SERVICE.		Expended.	
	DEPARTMENT OF AGRICULTURE.			
4.	MINISTER'S OFFICE.			
	Salaries ($7,492.50):			
	The Minister	Hon. E. D. Barrow	$ 5,600 00	
	Secretary	E. J. Rossiter	625 00	
	Secretary	F. W. Laing	1,087 50	
	Clerk and Stenographer	Marjorie Legg	180 00	
	Expenses ($1,611.63):		$ 7,492 50	
	Office Supplies, etc.: B.C. News Co., Ltd., $2; B.C. Telephone Co., Ltd., $62.85; C.P. Telegraph Co., 46c.; Carter Electric Co., Ltd., $9.50; King's Printer, $75.85; Lands Department, $10; Peerless Key Co., Inc., $4.50; postage, $65.30; Victoria "Daily Colonist," $9; Victoria "Daily Times," $12.60		252 06	
	Travelling Expenses: Hon. E. D. Barrow, $1,337.97; F. W. Laing, $21.60		1,359 57	
	Total expenditure, Minister's Office			$ 9,104 13
5.	GENERAL OFFICE.			
	Salaries ($23,027.82):			
	Deputy Minister	W. E. Scott (5 mos.)	$ 1,300 00	
	Chief Clerk	W. J. Bonavia	1,863 96	
	Accountant	W. T. Andrews	1,560 00	
	Statistician	A. B. Tweddle	1,624 00	
	Clerks:			
	A. J. Hourston $ 939 19	C. P. L. Pearson $1,260 00		
	F. W. Laing 82 25	G. Pilmer 1,260 00		
	C. B. Martin 133 00	E. P. Rush 12 00		
	R. E. Mitchell 1,260 00	G. H. Stewart 67 74		
	F. Moss 16 50	R. C. Welch 260 00		
	R. Murray 1,140 00		6,430 68	
	Junior Clerks:			
	J. H. Buckett $ 90 00	J. H. Crane $399 96	489 96	
	Clerk and Typist	G. Hawes	900 00	
	General Assistant	A. H. Shotbolt	1,380 00	
	Stenographers:			
	E. F. Babington $ 800 33	A. Hosford $ 30 00		
	C. J. Clark 659 67	J. Lees 42 58		
	G. Caunter 63 86	D. Macklin 15 00		
	E. Drummond 410 32	M. M. Patchett 210 00		
	A. E. Evans 560 00	M. Walsh 92 14		
	N. Evans 50 00	P. Warren 780 00		
	M. E. Hamelin 425 32	E. Williams 350 00		
	A. E. Hill 780 00		5,269 22	
	Carpenter	D. E. Mackereth	1,180 00	
	Secretary, Women's Institutes	E. S. MacLachlin	480 00	
	Temporary assistance	M. Smith	550 00	
	Expenses ($9,068.93):		$ 23,027 82	
	Office Supplies, etc.: Ashcroft Print Co., $5.40; B.C. News Co., $342.51; B.C. Telephone Co., $373.68; Canadian Express Co., $3.50; C.P.R. Telegraph Co., $618.81; C.P.R. Co., $369.95; Carter Electric Co., $9.60; Clarke & Stuart Co., Ltd., 50c.; Cranbrook "Herald," $15.20; Dominion Express Co., $294.74; Dominion Government Publications, 75c.; Dominion Government Telegraphs, $4.54; E. & N. Railway Co., $8.48; Employers' Liability Assurance Corporation, $4; "Farmers' Advocate," $5; General Cartage Association, $1; G.N.W. Telegraph Co., $158.77; Heaton's Agency, $16.50; Hickman Tye Hardware Co., $107.36; Kelowna "Courier," $16.40; King's Printer, $4,048.40; Macey Office Equipment Co., $215.60; McTavish & Spencer, $2.20; Nelson			
	Carried forward		$ 23,027 82	$ 9,104 13

Vote. No. of	SERVICE.	Expended.
	DEPARTMENT OF AGRICULTURE—*Continued.*	
5.	GENERAL OFFICE—*Concluded.*	
	Brought forward	$ 23,027 82 $ 9,104 13
	Expenses—*Concluded.*	
	Office Supplies, etc.—*Concluded.*	
	"Daily News," $57.56; Peerless Key Co., $27; T. Plimley, $18.40; postage, $753.90; C. H. Potts, $3.50; Princeton "Star," $4; Provincial Secretary's Department, $61.68; Public Works Department, $4.50; Reliable Transfer Co., $228.65; Rural Pub. Co., $114.35; Shawnigan Lake Lbr. Co., $143.32; A. H. Shotbolt, $2.60; T. Shotbolt, $1.45; Sidney & Islands "Review," $4.80; Smith & Champion, $5.10; Stadacona Farm, $16; Turner, Beeton & Co., $29; United Typewriter Co., $5; Vancouver "Daily Sun," $34.20; Vernon News P. & P. Co., $9.80; Victoria "Colonist," $143.60; Victoria "Times," $47.60; Victoria Typewriter Exchange, $5; F. Walmsley, $19.25; Washington Irrigation Inst., $1; Windsor Grocery Co., $1.75; Woman's Century, Ltd., $100	8,465 90
	Travelling Expenses:	
	W. J. Bonavia, $87.47; O. E. Hayes, $127.10; V. S. MacLachlan, $115.15; G. Pilmer, $8.95; A. H. Shotbolt, $96.58; A. B. Tweddle, $67.60; D. Warnock, $42.85; R. C. Welch, $57.33	603 03
	Total expenditure, General Office	32,096 75
6.	HORTICULTURAL BRANCH.	
	Salaries ($29,672.65):	
	Provincial Horticulturist .....M. S. Middleton	$ 1,440 00
	Assistant Horticulturists:	
	P. E. French ..... $ 341 65 E. W. White $1,620 00	
	B. Hoy 1,739 92	3,701 57
	Inspector of Imported Fruit and Nursery Stock .....W. H. Lyne	1,879 92
	Assistant Inspectors of Imported Fruit and Nursery Stock:	
	D. Gavet ..... $1,692 00 W. J. Graham $1,460 00	3,152 00
	Plant Pathologist .....J. W. Eastham	2,160 00
	Prairie Markets Commissioner ...J. A. Grant	1,680 00
	Asst. Inspector of Nursery Stock, H. F. Olds	1,340 00
	District Fruit Inspectors:	
	C. R. Barlow ..... $1,260 00 J. Tait $1,200 00	
	H. H. Evans 1,260 00	3,720 00
	Potato Inspector .....H. Gutteridge	1,340 00
	Labour at Vancouver Fumigation Station:	
	A. B. C. Scavenger Co. $ 2 00 J. E. Jones ..... $ 219 75	
	Champion & White .. 199 50 J. Lane 1,037 50	
	Cotton Co., Ltd. ..... 31 50 A. Moffatt 11 20	
	H. Epps ..... 399 50 J. Simon 18 75	
	G. Freeman ..... 29 75 J. H. Thompson ... 128 25	
	M. Gavet ..... 68 25 T. Plant 30 00	
	T. Hoskins 15 00	2,190 95
	Special Labour *re* Fruit Pests and Diseases:	
	F. Adie .....$ 90 00 J. Johnstone .....$ 11 55	
	T. H. Bain ..... 220 35 R. D. Kerr 7 50	
	S. E. Brown ..... 64 00 A. W. MacLean ... 120 20	
	E. R. Buckell ..... 144 00 J. W. McClounie .. 77 00	
	A. Cameron ..... 8 75 K. W. Munson ... 1,009 90	
	W. Carpenter ..... 132 50 J. A. McDonald .. 11 25	
	W. Chamberlain ... 6 35 J. Paret 16 00	
	C. A. Cock ..... 218 75 P. R. Peele 28 75	
	W. J. Cook ..... 192 50 J. C. Rykert 20 00	
	E. Covell ..... 137 75 W. H. Snell 50 60	
	S. Dungate ..... 84 00 T. Steed 20 00	
	Carried forward	$ 22,604 44 $ 41,200 88

Vote. No. of	SERVICE.	Expended.

DEPARTMENT OF AGRICULTURE—*Continued.*

6. HORTICULTURAL BRANCH—*Continued.*

Brought forward ..... $ 22,604 44 $ 41,200 88

Salaries—*Concluded.*

Special Labour *re* Fruit Pests and Diseases—*Concluded.*

R. H. Eby	$ 11 25	T. Symes	$ 85 75
R. T. Evans	156 25	H. T. Thompson	283 75
A. Forsland	5 81	A. Turner	4 00
G. Garlick	16 10	R. Turner	45 00
C. Hatfield	14 40	W. H. Whimster	286 25
J. S. Heales	20 00	G. E. Wilkerson	702 50
W. V. Jackson	8 00	Pay-list	2,732 45
G. S. Jermyn	25 00		

7,068 21

$ 29,672 65

Expenses ($13,641.88):

Office Supplies, etc.:

R. C. Abbott, $153.54; Alberta Government Telephone, $33.75; American Railway Perishable Freight Association, $3; Bank of Ottawa, $125; C. R. Barlow, $23.65; Bishop & Christie, Ltd., $1.16; B.C. Assay & Chemical Supply Co., Ltd., $18.30; B.C. Electric Railway Co., Ltd., $4.04; B.C. News Co., Ltd., $44.62; B.C. Telephone Co., Ltd., $172.26; Brooks-Corning Co., Ltd., $31.15; H. B. Burtch, $30; W. A. Caldwell, $10; Calgary Towel & Cabinet Supply Co., $1.25; Campbell's Storage Co., Ltd., $3.25; C.P.R. Co., Freight, $66.71; C.P.R. Co., Telegraph, $28.40; Canniff-O'Brien Ptg. Co., $787; W. Carpenter, 95c.; Ceperley, Rounsefell & Co., Ltd., $73.50; Chapman's Motor Cartage, $4.87; Chilliwack Tel. Co., $2.75; City of Calgary Elec. Light Co., 75c.; Clarke & Stuart Co., Ltd., $150; C. A. Cock, $3.70; W. J. Cook, $2.06; Corp. of Summerland, $11; E. Covell, $2.25; W. Crofts, $2; Dixon & Murray, $29.85; Dom. Express Co., $1.30; J. W. Eastham, $26.57; R. H. English, $6.95; H. H. Evans, $28.95; P. E. French, $7.45; E. J. Galloway, $1; J. A. Grant, $382.60; G.N.W. Tel. Co., $2.40; W. H. Hayes, $1; G. R. Hookham Co., $4; B. Hoy, $27.83; Hudson's Bay Co., $1.70; Kelowna Farmers' Institute, $153; King's Printer, $1,000.31; W. H. Lyne, $59.45; J. A. MacDonald, 42c.; A. W. MacLean, $1.85; C. A. MacMahon, $235; M. A. Middleton, $8.26; J. R. Mitchell, $60; Mitchell-Foley, Ltd., $14.49; K. W. Munson, $5.70; J. A. McDonald, 29c.; Office Specialty Mfg. Co., $11.50; Okanagan Tel. Co., $95.15; postage, $122.74; A. H. Shotbolt, $2; D. Spencer, Ltd., $4.75; A. H. Steven, $24; Summerland Drug Co., $1.25; Summerland Supply Co., $24.60; Summerland Tel. Co., $16.75; J. Tait, $83; Terminal Salvage Co., 50c.; H. T. Thompson, $2.50; United Typewriter Co., Ltd., $12.75; H. E. Upton, $8.92; Vancouver City Waterworks, $3.50; Victoria Wharf and Warehouse Co., Ltd., $141; E. W. White, $2.50; G. E. Wilkerson, $8; Wood, Vallance & Leggat, Ltd., $23.56; pay-list (reports), $217.50 ..... 4,755 25

Travelling Expenses:

R. C. Abbott, $265.95; T. M. Anderson, $27; T. H. Bain, $99.45; C. R. Barlow, $247.65; E. R. Buckell, $44.50; W. Carpenter, $6.40; J. W. Eastman, $443.38; H. O. English, $4; H. Epps, $8.75; H. H. Evans, $606.08; P. E. French, $208.17; D. Gavet, $46.80; W. J. Graham, $165.15; J. A. Grant, $959.61; L. Gordon, $28; H. Gutteridge, $334.82; B. Hoy, $779.01; W. H. Lyne, $183.10; M. S. Middleton, $797.89; K. W. Munson, $532.23; H. F. Olds, $14.18; H. T. Thompson, $56.80; J. Tait, $318.10; E. W. White, $1,093.21; G. E. Wilkerson, $33.85 ... 7,304 08

Suppression of Diseases:

C. R. Barlow, 30c.; B. & K. Milling Co., Ltd., $1.39; B.C. Assay & Chemical Supply Co., Ltd., $64.15; B.C. Growers, Ltd., $17.50; Chapman's Motor Cartage, $5.25; Dry Belt Settlements

Carried forward ..... $ 41,731 98 $ 41,200 88

No. of Vote.	SERVICE.			Expended.	
	DEPARTMENT OF AGRICULTURE—*Continued.*				
6.	HORTICULTURAL BRANCH—*Concluded.*				
	Brought forward			$ 41,731 98	$ 41,200 88
	Expenses—*Concluded.*				
	Suppression of Diseases—*Concluded.*				
	Utilities, Ltd., $1; J. W. Eastham, $1.50; H. H. Evans, $67.60; A. Forslund, $9.39; P. E. French, $19.27; G.N. Transfer Co., Ltd., $3.50; B. Hoy, $113.24; E. C. Hunt, $31.20; W. T. Hunter, $9.75; Imperial Oil Co., Ltd., $15.75; F. M. Ivett, $12.40; W. V. Jackson, $21.32; J. Johnstone, $13.15; W. H. Lyne, $77.96; K. W. Munson, $3.46; McNeill, Welch & Wilson, $50.53; National Drug Co., $24; Neil & Cryderman, $3.50; Pacific Transfer Co., $11; Salmon Arm Farmers' Exchange, $18.65; G. A. Stevens, $578.75; J. Tait, $1.15; Taylor Chemical Co., $227.33; J. A. Tepoorten, Ltd., $10; H. T. Thompson, $3.90; Turnbull Bros., $41.81; Vernon Fruit Union, $11.75; Victoria Chemical Co., Ltd., $16.15; Watkins' Garage, $31.83; E. W. White, $5.93; Wheeler, Reynolds & Co., $38.45; G. E. Wilkerson, $14.52; Wood, Vallance & Leggat, Ltd., $4.22				1,582 55
	Special Warrant No. 8—Coast Markets Commissioner's Office (Vancouver).				
	Salaries ($3,293.28):				
	Coast Markets Commissioner	R. C. Abbott		$ 2,266 64	
	Stenographer	F. M. Lawson		1,026 64	
				$ 3,293 28	
	Expenses ($1,592.04):				
	R. C. Abbott, $1,059.43; Bank of Ottawa, $175; B.C. News Co., Ltd., 60c.; B.C. Telephone Co., Ltd., $76.21; C.P.R. Telegraph Co., $59; Clarke & Stuart Co., $17.70; Columbia Paper Co., Ltd., $28.50; Grain Trade News, $3; Henderson Directory Co., $8; King's Printer, $32.30; W. T. McArthur & Co., $3.30; Postage (Victoria), $96; M. I. Simmonds, $27.50; F. Walmsley, $5.50			1,592 04	
					4,885 32
	Total expenditure, Horticultural Branch				48,199 85
7.	LIVE STOCK BRANCH.				
	Salaries ($24,111.21):				
	Live Stock Commissioner	W. T. McDonald			$ 2,499 96
	Poultry Instructor	J. R. Terry			1,820 00
	Assistant Poultry Instructor	H. E. Upton			1,600 00
	Assistant Dairy Instructor	T. A. F. Wiancko			1,800 00
	Soil and Crop Instructor	H. O. English (7½ mos.)			1,125 00
	Chief Veterinary Inspector	A. K. Knight			2,100 00
	Assistant Veterinary Inspectors:				
	W. W. Alton	$1,880 00	D. H. McKay	$1,600 00	
	W. T. Brookes	1,600 00	S. A. K. White	1,880 00	
	B. R. Illsley	1,880 00			8,840 00
	Brand Inspectors:				
	J. Bennett	20 00	R. Cahilty	1,340 00	
	F. W. Jackson	256 25			1,616 25
	Milk-testers:				
	E. Rive	1,340 00	J. B. Watson	1,340 00	2,680 00
	Temporary assistance	C. J. Clark			30 00
					$ 24,111 21
	Expenses ($14,868.29):				
	Office Supplies, etc.:				
	American Express Co., $8.90; Belyea & Co., Ltd., $5; B.C. News Co., Ltd., $27.23; B.C. Telephone Co., Ltd., $193.23; D. E.				
	Carried forward			$ 24,111 21	$ 89,400 73

No. of Vote.	SERVICE.		Expended.
	DEPARTMENT OF AGRICULTURE—*Continued.*		
7.	LIVE STOCK BRANCH—*Concluded.*		
	Brought forward	$ 24,111 21	$ 89,400 73
	Expenses—*Concluded.*		
	Office Supplies—*Concluded.*		
	Campbell, $8.75; C.P.R. Telegraph Co., 26c.; Cutter Laboratory, $822.50; C. H. Dana, $75; Dominion Government Telegraphs, $1.66; E. Fleming, $1.85; J. A. Flett, $1.35; H.M. Customs, $28.12; International Farm Congress, $2; King's Printer, $1,076.99; Lederle Antitoxin Laboratory, $10.26; McTavish Bros., $2; F. Pagett, $1.75; T. Plimley, $15.57; Postmaster, Chilliwack, 50c.; Postmaster, Ladysmith, $1; Postmaster, Marpole, $1; postage, Victoria, $350.21; E. G. Prior & Co., Ltd., $2.42; T. Shotbolt, $5.20; Sommer & Sons, $1.80; B.C. Stevens Co., $8.33; Taylor & Co., $1.50; H. E. Upton (sundries), $19.30; Vernon Hardware Co., $3.25; Victoria Book & Stationery Co., Ltd., $7.65; M. E. Wilson, $21.02	2,705 60	
	Travelling Expenses:		
	W. W. Alton, $1,043.75; W. T. Brookes, $1,019.06; R. Cahilty, $364.95; H. O. English, $846.96; W. Greenwood, $2.30; S. H. Hopkins, $17.15; B. R. Ilsley, $1,413.75; F. W. Jackson, $62; G. A. Johnson, $2.75; A. Knight, $910.45; W. S. May, $20.50; M. S. Middleton, $2; R. McDonald, $14.75; W. T. McDonald, $1,086.12; D. H. McKay, $1,105.96; R. W. Patten, $5; G. Pilmer, $38.45; R. Pritchard, $1.50; W. B. Stewart, $3; J. R. Terry, $634.95; H. E. Upton, $1,301.46; S. A. K. White, $1,113.50; T. A. F. Wiancko, $1,152.38	12,162 69	
	Total expenditure, Live Stock Branch		38,979 50
8.	MISCELLANEOUS GRANTS, ETC.		
	(*a.*) Compensation for Tubercular Cattle destroyed ($15,492.16): W. P. Allen, $14.50; J. Anderton, $50; R. Armstrong, $40; R. Arnold, $60; A. L. Atkinson, $50; E. D. Barrow, $42; W. Bell, $50; D. Bennie, $45; C. Bowater, $32.50; O. Bowman, $250; T. Boyle, $85; Bridges Bros., $230.61; E. Brodie, $50; J. Brown, $12; T. Brown, $5; W. H. Buckingham, $75; J. Bull, $85; J. Burg, $50; S. Calhoun, $35; A. C. Cameron, $10.80; L. Carlson, $50; T. Cassidy, $37.50; G. Cassidy, $125; W. M. Caswell, $50; H. Caverley, $45; G. E. Chadsey, $40; S. A. Chadsey, $50; J. Charleton, $95; Charter & Hyden, $50; S. Chevally, $25; Chilliwack Meat & Supply Co., $100; Clifton Estate, $10; W. A. Cosier, $45; Crane, Eckert & Co., $226; P. Crankshaw, $13.55; E. A. Crawford, $50; H. A. Crocker, $50; J. Crowley, $150; A. Davie, $50; J. Dobbs, $82.50; J. G. Dobbs, $35; A. Dragon, $25; G. Dunsmore, $100; A. Duperry, $20; G. Embree, $467.56; J. Erskine, $100; C. Evans, $100; J. A. Evans, $197.15; A. E. J. Farrow, $50; H. T. Fall, $50; A. Fish, $50; J. W. Fleet, $25; A. Forsland, $37.50; J. J. Forster, $50; W. Fraser, $30; A. A. Gallagher, $85; W. Gay, $50; A. Gillis, $50; V. Gowan, $100; J. Green, $50; T. Green, $70; D. Gunn, $40; T. Hall, $50; T. Hall, $351; J. Hazelhurst, $20; J. W. Hollingshead, $23.13; A. Holman, $40; J. E. Hourston, $40; E. Hull, $40; A. Hurst, $35; J. Huston, $91; J. M. Jones, $100; K. Kawace, $55.60; G. A. Keir, $100; F. J. Kellaway, $40; Kennedy Bros., $50; J. Kishamotato, $371.71; Y. Kishamota, $50; K. Kobayakawa, $179.74; G. Kometz, $15.88; T. E. Ladner, $303.70; P. Lain, $45; A. Laird, $50; D. Lamb, $20; C. Lehman, $50; A. Linnett, $42.80; W. H. Linton, $100; O. Lloyd, $200; C. F. Lockhart, $50; M. Lynch, $40; Macadam & Frampton, $225; E. B. Madill, $95; A. J. Marple, $98; J. Marshal, $80; L. L. Maynard, $379.20; W. Mellis, $50; H. Milne, $100; H. C. Minckler, $50; A. Morrison, $50; F. R. Morrison, $25; M. Murphy, $85; F. S. Murray, $50; J. McCallum, $50; I. McClure, $35; T. McDermot, $150; S. W. McGregor,		
	Carried forward		$ 128,380 23

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF AGRICULTURE—*Continued.*			
8.	MISCELLANEOUS GRANTS, ETC.—*Continued.*			
	Brought forward			$ 128,380 23
	(*a.*) Compensation for Tubercular Cattle destroyed—*Concluded.* $150; D. E. McKay, $50; W. J. McLean, $50; G. McLelland, $50; A. McLennan, $50; A. S. McLeod, $40; McPherson & Fullerton, $290.10; M. J. Nelles, $50; G. M. Newell, $50; C. Nickolson, $300; T. Nimsik, $50; N. Nowell, $50; E. M. O'Brien, $10; Pace & Co., $50; W. Patterson, $50; T. Pek, $30; S. P. Pond, $50; T. H. Porter, $65; H. Pringle, $50; J. S. Putnam, $50; E. & T. Raper, $325; E. B. Richardson, $50; R. P. Rithet, $65; M. Robbins, $40; R. M. Robson, $30; J. Robson, $100; G. Rogers, $185; J. Rogerson, $30; Mrs. Rudd, $50; F. W. Rudge, $71.76; O. Ryall, $5.62; E. Sabourin, $135.64; Shannon Bros., $249; E. S. Sims, $25; J. Sing, $70; G. Sing, $50; M. Smith, $25; A. Soles, $50; W. W. Southin, $30; C. J. V. Spratt, $75; G. Sproat, $50; J. Stapleton, $100; J. G. Stone, $50; D. W. Strachan, $100; Sunbeam Dairy, $125; R. Swartz, $50; Tanner & Hillis, $112.50; T. Tateshi, $74.79; W. J. Taylor, $30; Jas. Thompson, $50; Jos. Thompson, $227.60; R. Thompson, $25; W. H. Todd, $40; F. W. Toop, $100; H. H. Toop, $21; J. H. Toop, $25; J. W. Toop, $43; R. S. Toop, $50; B. & P. Tope, $35; F. W. Townsend, $175; W. N. Townsend, $270; H. Trites, $70; G. W. Urquhart, $40; Vancouver-Prince Rupert Meat Co., $40; H. Vickery, $315.50; H. Vlags, $40; J. Volpatie, $116.72; H. Vye, $100; A. R. Webster, $50; J. Welsh, $55.50; T. Welsh, $50; T. L. White, $100; H. R. Whitworth, $70; P. Williams, $215; W. G. Williams, $35; J. Wilson, $122.50; T. Withers, $25; F. V. Worrell, $435; A. Worth, $50; F. R. Wright, $25; A. Zink, $110			$ 15,492 16
	(*b.*) Agricultural Associations, etc. ($14,962.53):			
	Grants in Aid of Prize-lists: Agassiz, $250; Aldergrove, $100; Armstrong and Spallumcheen, $1,000; Arrow Lakes, $250; Bella Coola, $100; Burquitlam, $150; Cariboo, $250; Central Park, $150; Chilliwack, $600; Comox, $300; Coquitlam, $150; Cowichan, $750; Cranbrook, $750; Creston, $250; Elk Valley and Natal, $100; Fruitvale, $100; Islands, $250; Kamloops, $400; Kelowna, $600; Ladysmith, $300; Langley, $200; Lasqueti Island, $100; Maple Ridge, $200; Matsqui, $200; Mission, $200; Nanaimo, $350; Nanoose, $100; Nelson, $500; N. and S. Saanich, $400; Northern, $500; Slocan Lake, $150; Summerland, $350; Surrey, $250; Trail, $250; Windermere, $300		$ 10,859 00	
	Grants in Aid of Poultry-shows: Armstrong District, $203.50; Chilliwack District, $232.50; Fernie District, $203.50; Nelson District, $232.50; New Denver District, $203.50; Penticton District, $203.50; Vancouver District, $203.50; Vancouver Island District, $290.50; Vancouver Provincial Show, $727		2,500 00	
	Judging at Fall Fairs: E. H. Barton, $79; H. Barton, $100; J. Cook, $42.90; F. Fleetham, $35.50; S. Le C. Grant, $5; S. H. Hopkins, $4.50; P. W. A. Jones, $26.70; W. McIntyre, $9.25; E. A. Orr, $103; H. D. Parker, $20; J. B. Partington, $13.40; H. D. Reid, $54.65; J. R. Riddell, $25; W. N. Scott, $38.70; G. W. Shannon, $43.80; S. H. Shannon, $32.05; A. B. Smith, $22; J. A. Turner, $302.71; H. E. Waby, $200; W. Walker, $52.52; B. Wright, $237.15		1,447 83	
	Carried forward		$ 14,797 83	$ 15,492 16 $ 128,380 23

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF AGRICULTURE—*Continued.*			
8.	MISCELLANEOUS GRANTS, ETC.—*Continued.*			
	Brought forward	$ 14,797 83	$ 15,492 16	$ 128,380 23
	(*b.*) Agricultural Associations, etc.—*Concluded.*			
	Sundry Expenses:			
	E. & N. Railway Co., $9.20; G. A. Hankey & Co., $45; F. Jeune & Bro., Ltd., $42; Lemon, Gonnason & Co., $28; Pandora Sail and Tent Factory, $40.50	164 70		
			14,962 53	
	(*c.*) Farmers' Institutes ($9,892.11):			
	Grants in Aid:			
	Aldergrove, $37; Arrow and Slocan Lakes, $31; Arrow Park, $27; Barriere, $44; Baynes, $25; Bella Coola, $30; Bulkley Valley, $43; Burquitlam and Coquitlam, $59; Burton, $9.50; Cape Scott, $36; Cariboo, $55; Central Park, $45; Chilliwack, $67.50; Columbia Valley, $17; Comox, $60.50; Coombs, $35; Cortes Island, $27; Cowichan, $84.50; Cranbrook, $67.50; Crawford Bay, $48; Creston, $103.50; Delta, $60; Denman Island, $25; Dome Creek, $30; Dunster, $8; Eagle River Valley, $61; Eaglet Lake, $30; Endako, $314.65; Elk Valley, $41; Evergreen, $25; Fire Valley, $22; Forest Grove, $8; Fort Fraser, $26; Fort Steele, $26; Francois Lake, $68.50; Golden, $13.50; Glenside, $25; Graham Island, $24; Grand Forks, $50; Greenwood, $36; Harrop, $55.50; Hendon, $16; Houston, $15.50; Howe Sound, $10; Islands, $75.25; Kaleden, $22; Kamloops, $58.50; Kelowna, $77; Kent, $43; Kispiox, $12.50; Kitimat, $22; Kitsumgallum, $51.50; Kootenay River, $63; Lake District, $15; Langley, $42; Lardeau, $48; Lasqueti Island, $26.25; Lumby, $59.50; Lytton, $53.50; Malcolm Island, $29; Mapes, $17.50; Maple Ridge, $44; Martin's Prairie, $50; Matsqui, $24.50; Metchosin, $67.50; Mission City, $52.50; Mount Ida, $54.50; Mount Olie, $19; McBride, $35; Nahwitte and Strandby, $17; Nanaimo-Cedar, $62.50; Naramata, $24; Nechako (1917), $33; Nechako (1918), $39; Needles, $25; New Denver, $26; Newgate, $36; Nicola, $44; North Fraser, $36; North Okanagan, $39; North Vancouver, $40; Notch Hill and Shuswap, $39; Okanagan, $54; Okanagan Centre, $29; Pender Island, $32; Pouce Coupe, $121; Powell River, $31; Proctor and District, $54; Revelstoke, $51; Robson, $43; Rock Creek, $257.70; Rose Hill, $55.50; Rossland, $37; Sayward, $21; Shirley and District, $60; Similkameen, $39; Skidegate Inlet, $18; Sooke, $26; South Bulkley, $23.50; South Kootenay, $30; South Saanich, $49; South Slocan, $22; Spallumcheen, $50.75; Strawberry Hill, $25; Sumas, $33; Summerland, $46; Sunnyside, $26; Surrey, $55; Texada Island, $51; Upper North Thompson, $18; Upper Skeena, $194.40; Victoria, $69.50; White Creek Valley, $36; Willow Park, $34; Windermere, $52.50	$ 5,210 50		
	Grants to Institutes for Field-crop Competitions:			
	Columbia Valley, $50; Coombs, $25; Crawford Bay, $25; Eagle River Valley, $50; Fire Valley, $50; Grand Forks, $25; Kelowna, $50; Kootenay River, $50; Lake District, $50; Martin's Prairie, $25; Matsqui, $25; Metchosin, $50; Nakusp, $25;			
	Carried forward	$ 5,210 50	$ 30,454 69	$ 128,380 23

No. of Vote.	SERVICE.			Expended.	
	DEPARTMENT OF AGRICULTURE—*Continued.*				
8.	MISCELLANEOUS GRANTS, ETC.—*Continued.*				
	Brought forward	$ 5,210 50	$ 30,454 69	$ 128,380 23	
	(*c.*) Farmers' Institutes—*Concluded.*				
	Grants to Institutes for Field-crop Competitions—*Concluded.*				
	Nechako, $40; Newgate, $25; Nicola, $50; North Okanagan, $25; Notch Hill and Shuswap, $40; Pender Island, $50; Revelstoke, $50; Rock Creek, $50; Rose Hill, $50; Spallumcheen, $50; Victoria, $50; Windermere, $25	1,005 00			
	Grants for Prizes to Winners in Seed-production Competitions:				
	J. W. Crawford, $10; Dean Bros., $5; C. R. Green, $10; G. S. Harris, $15; W. T. Hayhurst, $40; P. W. A. Jones, $20; E. V. T. Raper, $20; L. Taylor, $10; F. Wooster, $10	140 00			
	Expenses attending Conferences:				
	J. Bailey, $59.40; J. D. Charleson, $163.15; A. D. Clyde, $82.25; J. W. Gidley, $3; C. E. W. Griffiths, $135.56; W. Harrison, $150.85; C. C. Heaven, $91.90; M. F. Nourse, $125.65; H. Silverthorne, $100.15; A. B. Smith, $101.49	1,013 40			
	Purchase and Transportation of Pure-bred Stock:				
	E. H. Barton, $196.90; R. Bray, $21.63; W. A. Clemons, 50c.; G. H. Hadwen, $85; W. H. Hawkshaw, $93.44; T. Knowles, $171.25; G. W. Mutter, $135.90; P. Owens, $225; Pacific Transfer, $13.80; W. A. Shafer, 50c.; J. Thompson, $317.50; E. A. Wells, $295.43	1,556 85			
	Sundry Expenses:				
	Canadian National Live Stock Records, $2.25; Georgetown Saw Mill Co., $29.91; G.T.P. Railway Co., $1; A. J. Irwin, $29.80; King's Printer, $767.90; A. H. Maynard, $10.50; postage, $125 ...	966 36			
			9,892 11		
	(*d.*) Women's Institutes ($5,957.91):				
	Grants in Aid:				
	Agassiz, $13; Arrow Park, $11.50; Atchelitz, $9; Barriere, $8.50; Boundary, $11.50; Burquitlam, $23; Burton, $8.50; Central Park, $15.50; Chilliwack, $13; Cranbrook, $86.50; Crawford Bay, $19; Creston, $49.50; Colwood, $26.25; Cowichan, $81.25; Garden City, $31.50; Haney, $35.25; Harrop and District, $22; Hatzic, $16.50; Hazelmere, $28.50; Kalamalka, $38.75; Kaslo, $61.50; Kelowna, $66.75; Keremeos, $42; Lake Hill, $18.75; Langford, $17.50; Langley (Fort), $35.25; Matsqui, $16; Metchosin, $15; Mission, $17.50; Mount Ida, $23; Nakusp, $35; Naramata, $27.75; Nelson, $72.25; North Saanich, $42.50; Okanagan, $21; Oyster District, $21; Parksville, $35.25; Peachland, $19; Penticton, $84.50; Pend d'Oreille, $14; Robson, $17; Rock Creek, $33.75; Rutland, $22; Salmon Arm, $54; Salmon River Valley, $28; Shawnigan, $35.50; Silver Creek, $12.75; Similkameen, $10.50; Sooke, $11; South Saanich, $21.75; Strawberry Hill, $10; Summerland, $41.25; Surrey, $22.50; Tappen, $28.50; Tillicum, $54; Tynehead, $17.25; Upper Sumas, $16.50; Vernon, $37; West Summerland, $28; Willow Point, $27.50; West Saanich, $50	$ 1,812 75			
	Salaries:				
	A. Blackwood-Wileman, $170; M. S. Davies, $40; F. B. Fadden, $60; J. Forshaw, $10; O.				
	Carried forward	$ 1,812 75	$ 40,346 80	$ 128,380 23	

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF AGRICULTURE—*Continued.*			
8.	MISCELLANEOUS GRANTS, ETC.—*Continued.*			
	Brought forward	$ 1,812 75	$ 40,346 80	$ 128,380 23
	(*d.*) Women's Institutes—*Concluded.*			
	Salaries—*Concluded.*			
	Hayes, $450; V. S. MacLachlan, $140; W. M. Palethorpe, $10; H. E. Ryan, $75; C. Spofford, $60; A. L. Trask, $95	1,110 00		
	Expenses attending Conferences:			
	M. M. Allen, $11.55; E. Barrow, $12.05; C. Bedford, $19.10; K. Bentley, $12.25; E. A. Birkett, $17.95; A. Blackwood-Wileman, $316.48; A. Bothwell, $9.95; C. Brown, $19.45; W. H. Brown, $10.15; G. Bunting, $9.50; F. A. Burton, $24.80; J. S. Chalmers, $51.05; R. W. Chalmers, $102.48; A. Christison, $15.90; J. L. Croft, $9; A. M. Cuthbe, $16.15; M. S. Davies, $22.31; J. Davidson, $8.55; H. Dobson, $49.50; M. E. Donaldson, $13.65; E. B. Duke, $11.65; A. E. Elliott, $8.50; F. B. Fadden, $59; N. Fadden, $11.40; E. J. Fleming, $19.65; J. Forshaw, $5.45; A. Forsyth, $9.60; E. M. Fowler, $19.25; D. E. Gold, $18.55; P. H. Green, $11; H. K. Harrison, $21.10; O. Hayes, $48.82; H. A. Hincks, $14.30; M. Huntley, $9.75; H. L. Inkster, $16; D. J. Innis, $20.50; V. Johnstone, $3; T. F. Lean, $32.40; M. J. Locke, $19.35; I. Lowery, $17.95; T. W. Lytle, $8.50; V. S. MacLachlan, $97.10; G. Makinson, $34.50; M. Malcolm, $14.75; J. A. Maxwell, $14; I. H. Moody, $19.20; C. J. McArthur, $34.45; Z. M. McGregor, $13; A. D. McLennan, $33.50; J. McRae, $13.25; M. E. Noble, $12.05; C. D. Ogilvie, $15.65; E. F. Osborne, $11.30; M. L. Parsell, $18.55; W. M. Palethorpe, $7.70; A. Peterson, $16.40; H. E. Ryan, $105.65; M. E. Service, $15.75; M. Simister, $9.95; M. G. Simson, $7.40; D. A. O. Solly, $12.25; C. Spofford, $114.30; C. S. Squires, $18.85; L. M. St. Jean, $21.35; A. S. Thompson, $22.10; A. L. Trask, $161.15; G. H. Wall, $22.10	2,003 79		
	Sundry Expenses:			
	H. Birks & Sons, $42; B.C. News Co., $43.21; Gidley's Studio, $9; T. N. Hibben & Co., $91.23; Hickman Tye Hdwe. Co., $16.16; King's Printer, $390.55; Lake Hill Grocery, $2.55; F. Mellor, $14.50; Musson Book Co., 96c.; Nat. Motion Pictures Co., $251.76; Nelson Gun & Cycle Works, $5.50; postage, $70; Pressure Cooker Co., $22.50; David Spencer, Ltd., $38.67; Victoria Book & Stationery Co., $32.78	1,031 37		
			5,957 91	
	(*e.*) In Aid of B.C. Bee-keepers' Association		250 00	
	(*f.*) In Aid of B.C. Dairymen's Association		1,500 00	
	(*g.*) In Aid of B.C. Entomological Society		250 00	
	(*h.*) In Aid of B.C. Fruit-growers' Association		3,000 00	
	(*i.*) In Aid of B.C. Goat-breeders' Association		500 00	
	(*j.*) In Aid of B.C. Poultry Association		2,350 00	
	(*k.*) In Aid of B.C. Stock-breeders' Association ($627.26):			
	A. Davie, $46.20; G. E. Day, $50; H. du Vernet, $4.69; Gowans Bros., $42.80; W. H. Harkshaw, $23.65; Kamloops "Telegram." $1.50; King's Printer, $10.20; A. G. Marshall, $11.87; J. T. Maynard, $17.45; W. J. McKim, $3.10; C. Nicholson, $16.90; T. Parker, $23.30; A. D. Paterson, $37.75; postage, $20; Shannon Bros., $18.90; T. A. Shaw, $21.25; J. R. Tiffin, $8.25; S. F. Tolmie, $69.85; H. Trussler, $19.10; J. Turner, $39.50; W. C. Live Stock Union, $100; J. G. Whiteacre, $41		627 26	
	Carried forward		$ 54,781 97	$ 128,380 23

No. of Vote.	SERVICE.	Expended.	
	DEPARTMENT OF AGRICULTURE—*Continued.*		
8.	MISCELLANEOUS GRANTS, ETC.—*Concluded.*		
	Brought forward	$ 54,781 97	$ 128,380 23
	(*l.*) In Aid of B.C. Flockmasters' Association	250 00	
	(*m.*) In Aid of B.C. Seed-growers' Association	1,000 00	
	(*n.*) Operation of Frondeg Farm ($6,081.26) : Pay-lists, $2,604.58; T. P. Barry, $84.30; Brackman-Ker Milling Co., Ltd., $452.20; R. Bray, $23; B.C. Telephone Co., Ltd., 25c.; Cobble Hill Garage, $44.10; Cobble Hill Meat Market, $49.70; Crossland Bros., $40; De Laval Dairy Supply Co., Ltd., $6.22; Dominion Express Co., 53c.; W. Duncan, $9.20; J. S. Eden, $14.25; E. & N. Railway Co., $118; G. H. Hadwen, $340; T. N. Hibben & Co., 38c.; E. Inghram, $37; Mrs. Knight, 75c.; W. H. Lowe, $962.05; G. Marchmont, $3; G. T. Mitchell, $266.59; postage, $1; Prov. Govt. Taxes, $34.93; E. G. Prior & Co., $26.14; J. E. Robinson, $63.75; Scott & Peden, $205.76; Shawnigan Lake Lumber Co., $32.05; N. Shearer, $5; T. Shotbolt, $8.85; W. H. Stuart, $47.18; Victoria Chemical Co., Ltd., $296.48; Victoria Whaling Co., Ltd., $294.02	6,081 26	
	(*o.*) Collection of Agricultural Statistics ($741.01) : B.C. News Co., Ltd., $75.25; A. Cleasby, $343.75; King's Printer, $270.73; A. B. Tweddle, $26.30; postage, $25	741 01	
	(*p.*) Board of Horticulture ($66) : Travelling expenses, L. E. Taylor	66 00	
	(*q.*) Departmental Exhibits ($1,110.83) : J. J. Armstrong, $60; Brydon Bros., $169.50; Burke & Wood, Ltd., $64.50; Can. Pac. Rly. Co., 51c.; Dominion Express Co., 60c.; Grand Trunk Rly., $6.10; Hickman Tye Hardware Co., $15.85; Keremeos Packing Co., $9; King's Printer, $10.80; D. Mackereth, $19.60; Manser Sign Co., $7.80; Mellor Bros., $19.25; K. W. Munson, $10.33; L. W. McBaine, $7; McTavish & Spencer, $35.30; Nanaimo Transfer, $6; O. A. Olson, $4.50; Pither & Leiser, $210; Reliable Transfer Co., $120.62; Scott & Peden, $2; Shawnigan Lake Lumber Co., $68.50; A. H. Shotbolt, $71.20; T. Shotbolt, $6; D. Spencer, $48.42; G. A. Vantreight, $136.05; W. J. Wrigglesworth, $1.40	1,110 83	
	(*r.*) Grants to B.C. Students ($550) : B. S. Dickinson, $100; F. L. Fullerton, $50; G. Hallwright, $100; E. C. Hessel, $150; V. B. Rabb, $100; A. G. Stuart, $50..	550 00	
	Total expenditure, Miscellaneous Grants, etc.		$ 64,581 07
	STATUTORY—"POUND DISTRICT ACT AMENDMENT ACT, 1918," CHAPTER 5, CLAUSE 2.		
	G. H. Watson		$ 16 75
	STATUTORY—"NOXIOUS WEEDS ACT, 1915," CHAPTER 66.		
	P. Badman, $3.50; T. Brown, $18; J. Gibson, $31.50; E. C. Graham, $17.50; Major Grey, $46.85; H. V. Harris, $6; E. Hawkes, $6; W. A. Leitch, $52; S. Marshall, $2; G. M. Rankin, $18; S. C. Rankin, $18; J. H. Sands, $10		229 35
	STATUTORY—"SEED-GRAIN ACT, 1918."		
	F. Aslin, $1.20; Armstrong Growers' Association, $65; W. H. Becker, $12; Broughton & McNeil, $28.53; Campbell's Storage, $105.44; Can. Bag Co., $384; C.N. Rly. Co., $216.19; Can. Pac. Rly. Co., $1,284.04; City Transfer & Warehouse Co., $34.50; G. Clark, $41.20; J. R. Colley, $219; W. Croteau, $17.28; A. Davie, $1.125; E. & N. Rly. Co., $96.63; Fort George Drug Co., $1.50; A. J. Graham, $8.25; Grand Forks Transfer, $13.40; G.T.P. Rly. Co., $886.86; Hedley-Shaw Mill Co., $1,342; B. M. Hoops, $2; S. H. Hoskins, $16.50; Hudson's Bay Co., $4; A. Hutchison Co., $80.75; N. C. Jorgenson, $1.50; Kamloops "Telegram," $4; King's Printer, $9.80; Leith Bros., $2.40; I. R. Manning, $1.80; G. Mickleborough, $198; J. J. Murray & Co., $6,916.80; A. B. Macdonald, $15;		
	Carried forward		$ 193,207 40

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF AGRICULTURE—*Concluded.*			
	STATUTORY—"SEED-GRAIN ACT, 1918"—*Concluded.*			
	Brought forward			$ 193,207 40
	A. McKay Farm Seed Co., $12,554.75; D. McCallum, $60; H. McLean, $15; Noble Foundation, Ltd., $7,559.73; P. C. Petersen, $12; J. Price, $6; A. Rankin, 72c.; Rockwell, Theale & Davison, $88.50; C. Stevens, $1.77; Sullivan's Quick Print, $2.25; L. L. Tachett, $15; Vancouver Milling & Grain Co., $4.75; S. N. White, $15; W. W. White, $6; pay-lists, $55.65			33,531 69
	SPECIAL WARRANT NO. 19—RE CODLING-MOTH CONTROL.			
	Compensation to owners of orchards for destruction of fruit: G. Mickleborough, $1,000; J. T. Mutrie, $500			1,500 00
	SPECIAL WARRANTS NOS. 19 AND 32—RE FOUL-BROOD.			
	Compensation to owners of hives destroyed for foul-brood			559 10
	Total expenditure, Department of Agriculture			$ 228,798 19
	DEPARTMENT OF THE ATTORNEY-GENERAL.			
9.	ATTORNEY-GENERAL'S OFFICE.			
	Salaries ($7,050):			
	The Attorney-General	Hon. J. W. de B. Farris	$ 6,000 00	
	Clerk and Stenographer	M. Porter	1,050 00	
			$ 7,050 00	
	Expenses ($2,011.04):			
	Office Supplies, etc.: B.C. Telephone Co., $322.15; C.P.R. Telegraph, $114.02; Columbian Co., Ltd., $5; Dominion Government Telegraphs, 30c.; W. S. Fraser & Co., $1.80; G.N.W. Telegraph Co., $68.84; King's Printer, $198.87; Law Society of B.C., $20; postage, $113.36; Provincial Secretary's Dept., $9; Public Works Dept., $7.75; Vancouver "Province," $4; Vancouver "Sun," $9; Victoria "Colonist," $9; Victoria "Times," $12.60			895 69
	Travelling Expenses: Hon. J. W. de B. Farris			1,115 35
	Total expenditure, Attorney-General's Office			$ 9,061 04
10.	GENERAL OFFICE.			
	Salaries ($21,385.50):			
	Deputy Attorney-General	A. M. Johnson	$ 4,500 00	
	Departmental Solicitor	A. V. Pineo	3,840 00	
	Inspector of Legal Offices, while acting	A. V. Pineo	250 00	
	Inspector of Legal Offices	W. D. Carter	2,900 00	
	Official Guardian	H. O. Alexander	1,200 00	
	Stenographer to Official Guardian	J. Garland	780 00	
	Chief Clerk	W. B. Colvin	1,920 00	
	Clerks: W. F. Bridge $1,578 00; L. McLeod $1,020 00; A. M. Fairbairn 1,260 00		3,858 00	
	Law Clerk	G. L. MacInnes	180 00	
	Stenographers: N. Grist $780 00; M. Pratt $560 00; M. A. Lawson 555 40		1,895 40	
	Temporary assistance: B. E. Hallwright 27 10; G. Ollis $35 00		62 10	
			$ 21,385 50	
	Expenses ($4,450.88): Office Supplies, etc.: B.C. Hardware & Paint Co., $1.50; B.C. Tel. Co., $341.96; Burroughs & Co., $50.80; Butterworth & Co., Ltd., $5.25;			
	Carried forward		$ 21,385 50	$ 9,061 04

No. of Vote.	SERVICE.		Expended.
	DEPARTMENT OF THE ATTORNEY-GENERAL—*Continued.*		
10.	General Office—*Concluded.*		
	Brought forward	$ 21,385 50	$ 9,061 04
	Expenses—*Concluded.*		
	Office Supplies, etc.—*Concluded.*		
	Canada Law Book Co., $392.05; Canada Law List Pub. Co., $3.50; Canada Legal Directory, $3.50; C.P.R. Telegraphs, $379.04; Carswell Co., Ltd., $165.85; Dominion Express Co., $24.88; Dominion Government Telegraphs, $18.04; F. W. Faxon Co., $4.24; General Cartage Co., $1; G.N.W. Telegraph Co., $108.11; T. N. Hibben & Co., $6; King's Printer, $1,149.40; Lands Dept., $4; Law Society of B.C., $60; Macey Office Equipment Co., $17.50; N. McDonald, 50c.; postage, $231.28; Public Works Dept., $5.25; Smith & Champion, $1.75; State Historical Society of Iowa, $3; United Typewriter Co., $7.50	2,985 90	
	Travelling Expenses:		
	W. D. Carter, $165.90; A. M. Johnson, $283.10; G. L. MacInnes, $72.38; A. G. Smith, $943.60	1,464 98	
	Total expenditure, General Office		25,836 38
11.	Joint-stock Companies and Insurance Branch.		
	Salaries ($8,160.65):		
	Registrar and Supt. of Insurance..H. G. Garrett	$ 3,600 00	
	Chief Clerk ..W. L. Llewellyn	1,579 92	
	Clerk ..I. E. Kenworthy	960 00	
	Stenographers:		
	N. C. Gibson .....$660 00 F. K. Healy $980 00	1,640 00	
	Temporary assistance:		
	B. Mackenzie ..... 340 73 T. D. Todd 40 00	380 73	
		$ 8,160 65	
	Expenses ($3,698.09):		
	Office Supplies, etc.:		
	F. Allbutt, $104.10; M. A. Alsgard, $5.15; T. E. Banks, $4.15; J. A. Barr, $2; A. M. Best Co., $30; R. W. Biddell, $1.10; B.C. Telephone Co., Ltd., $88.13; C.P.R. Telegraph Co., $8.04; J. H. Carlisle, $291; T. E. Clarke, $5; W. E. Clark, $5.15; "Coast Review," $3; Corporation of District of Burnaby, $16; T. Davis, $83; Dept. of Public Printing, Ottawa, 65c.; J. W. Dickinson, $4.66; E. B. Dill, $1; Dominion Association of Fire Chiefs, $3; J. Dryden, $4; J. Duncan, $5; J. H. Ellis, $7.56; L. E. Farr, $2.50; J. G. Gamber, $20; "Fire Protection," $2; D. Gardiner, $18.48; H. G. Garrett, $58.95; R. Gibbs, $5; R. J. Glasgow, $2; E. Graham, $1.05; J. H. Graves, $2.25; G.N.W. Tel. Co., 71c.; D. Guthrie, $9.27; L. A. Hanna, $2; H. J. Harding, $10.81; E. M. Hopkins, $18.75; Imperial Guar. & Acc. Co., $8; E. B. Irving, $6; S. D. Johnston, $2; W. J. Kerr, $3; King's Printer, $1,274.65; T. P. Knight, $2.16; E. H. Lathom, $1.08; Law Soc. of B.C., $20; H. Little, $4; J. J. Lye, $8.25; Macey Office Equipment Co., $21.80; P. J. Mackay, $99.45; K. Martin, $6; J. F. Moffat, $1.08; W. C. Murray, $3.27; R. MacKay, $2.06; H. E. McCall, $4.74; N. A. McDiarmid, $8.82; D. H. McDonald, $11.33; D. McDougall, $9.30; J. C. McKenzie, $6.25; K. G. McRae, $14.60; National Fire Protection Association, $6; B. Norris, $5.25; J. Palmer, $6.25; W. J. Park, $1.10; J. Parkin, $17.51; W. B. Peat, 25c.; Peerless Key Co., $9.45; W. Peers, $2.06; W. X. Perkins, $3; W. G. Pond, $2.06; E. Pope, $6.15; Postage, $874.73; Public Works Dept. (labour), $42.47; G. W. Reece, $5.40; T. H. Rotherham, $2.15; C. E. Shannon, $5; Spectator Co., $4; V. W. Stewart, $19; Stone & Cox, $3.50; J. Syme, $12.76; J. A. Thomas, $173.43; W. A. Turner, $2; Van Nostrand Co., $4;		
	Carried forward	$ 8,160 65	$ 34,897 42

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF THE ATTORNEY-GENERAL—*Continued.*			
11.	JOINT-STOCK COMPANIES AND INSURANCE BRANCH—*Concluded.*			
	Brought forward		$ 8,160 65	$ 34,897 42
	Expenses—*Concluded.*			
	Office Supplies, etc.—*Concluded.*			
	A. G. Waddell, $117.95; R. J. Wark, $3.57; J. H. Watson, $25.75		3,698 09	
	Total expenditure, Joint-stock Companies and Insurance Branch			11,858 74
12.	MUNICIPAL BRANCH.			
	Salaries ($4,838.28):			
	Inspector of Municipalities	R. Baird	$ 3,000 00	
	Clerks:			
	N. M. Lugrin $232 50	A. C. Willis $367 40		
	O. W. Ross 500 00		1,099 90	
	Stenographers:			
	E. Belbeck 360 00	H. Dill 378 38	738 38	
			$ 4,838 28	
	Expenses ($822.68):			
	Office Supplies, etc.:			
	American City, $3.50; B.C. Telephone Co., $62.20; Burroughs & Co., Ltd., $20; C.P.R. Telegraph Co., $20.86; Dominion Government Telegraphs, 79c.; Dow, Jones & Co., $3.95; G.N.W. Telegraph Co., $2.36; King's Printer, $376.66; McLean Pub. Co., $3; Monetary Times Ptg. Co., $3; Municipal World, Ltd., $1; National Municipal League, $5; postage, $83.36; Provincial Sec. Dept., $9		594 68	
	Travelling Expenses:			
	R. Baird, $211.55; O. W. Ross, $16.45		228 00	
	Total expenditure, Municipal Branch			5,660 96
13.	CENSOR OF MOVING PICTURES.			
	Salaries ($10,614 50):			
	Censor	Walter Hepburn	1,870 00	
	Assistant Censors:			
	J. Flett $1,305 00	J. Smith $1,505 00		
	F. Patterson 1,160 00		3,970 00	
	Inspector	W. A. Oswald	1,580 00	
	Operators:			
	C. N. Gowen 1,100 00	J. B. Wade 550 00	1,650 00	
	Clerk	C. P. Brewer	665 00	
	Stenographer	A. Hope	786 00	
	Temporary assistance:			
	J. Bell 43 50	R. J. Foster 50 00	93 50	
			$ 10,614 50	
	Expenses ($3,003.98):			
	Office Supplies:			
	B.C. Tel. Co., Ltd., $11.95; C.P.R. Tel. Co., $17.58; Chalmers Pub. Co., $3.50; Clarke & Stuart Co., Ltd., $8.05; Dominion Government Telegraph, 34c.; Electric Supply Co., $1.60; King's Printer, $200.73; Northern Elec. Co., Ltd., $18.71; Postmaster (Ashcroft), $1.30; Postmaster (Vancouver), $35; Remington Typewriter Co., Ltd., $1.50; David Spencer, Ltd., $6.40; United Typewriter Co., $2.75; Vancouver Typewriter Co., $1		310 41	
	Travelling Expenses:			
	W. Hepburn, $286.05; W. A. Oswald, $1,050.69; J. B. Wade, $58.40		1,395 14	
	Carried forward		$ 12,320 05	$ 52,417 12

No. of Vote.	SERVICE.			Expended.	
	DEPARTMENT OF THE ATTORNEY-GENERAL—*Continued.*				
13.	CENSOR OF MOVING PICTURES—*Concluded.*				
	Brought forward			$ 12,320 05	$ 52,417 12
	Expenses—*Concluded.*				
	Machine Supplies:				
	Baird Motion Picture Machine Co., $367.77; J. Brown, $12; Burns Drug Co., Ltd., $3; Can. Gen. Elec. Co., Ltd., $68.10; Can. H. W. Johns-Manville Co., Ltd., $24.61; C.P.R. Co., $83.48; Crane, Ltd., $7.83; Elec. Manufacturing Co., $11.60; Electric Shop, $73.28; Evans, Coleman & Evans, Ltd., $3.40; Forbes & Van Horne, Ltd., $13.75; Gault Bros., Ltd., $23.75; Graham Elec. Co., $2.20; Dominion Govt. Customs, $20.84; Imperial Oil Co., $2.72; Mainland Transfer Co., Ltd., $2; W. T. McArthur & Co., Ltd., $5.65; McLaren, Ltd., 25c.; McLennan, McFeely & Co., Ltd., $28.09; Northern Electric Co., Ltd., $284.81; W. N. O'Neil Co., Ltd., $7.27; W. A. Oswald, $4.30; Perkins Elec. Co., $51.05; Singer Sewing Machine Co., $2.38; G. A. Stevens, $18; Storey & Campbell, $1; Turnbull Bros., $99.80; Vancouver Engineering Works, Ltd., $31.44; Western Elec. Co., Ltd., $35; Western Oil & Supply Co., $3.64; Wood, Vallance & Leggat, $5.42			1,298 43	
	Total expenditure, Censor of Moving Pictures				13,618 48
14.	ADMINISTRATION OF "PROHIBITION ACT."				
	(a.) Commissioner's Office.				
	Salaries ($3,636.78):				
	Commissioner:				
	W. C. Findlay (8⅓ mos.)	$1,664 52			
	A. M. Johnson (1⅓ mos.)	277 42			
	J. Sclater (2⅓ mos.)	687 09			
			$ 2,629 03		
	Clerk: B. Lindsay		780 00		
	Temporary assistance:				
	D. Cass	$ 60 00			
	E. Simpson	167 75			
			227 75		
			$ 3,636 78		
	Expenses ($2,769.93):				
	Office Supplies, etc.:				
	B.C. Pharmaceutical Rec., $15; B.C. Telephone, $186.15; C.P.R. Telegraph Co., $164.58; City of Cranbrook, $70; Deputy Minister of Finance, $63; Dominion Express Co., $3; Dominion Government Telegraphs, $1.66; G.N.W. Telegraph Co., $44.70; Griffith Co., $13.55; King's Printer, $619.61; National Drug Co., $5.25; postage, $92.36; Turnbull Bros., $2.50; Vancouver "Sun," $9.60; Victoria "Times," $9; F. J. Williams, $3.12		1,303 08		
	Travelling Expenses:				
	W. H. Cochrane, $2.55; W. C. Findlay, $1,235.55; T. H. Horne, $39.80; J. Sclater, $188.95		1,466 85		
				$ 6,406 71	
	(b.) Vancouver Vendor.				
	Salaries ($8,802.28):				
	Vendor ..... H. A. Urquhart		$ 1,860 00		
	Assistant Vendor ..... W. Ross		1,340 00		
	Warehousemen:				
	T. Brown $300 00	A. Urquhart .. $1,120 00	1,420 00		
	Temporary assistance:				
	S. Boond ..... $ 42 58	C. S. Manby .. 32 26			
	C. H. Baycott .. 575 78	S. Miller 12 00			
	J. Brown 143 55	H. McQuaig ... 331 95			
	R. Casselman .. 610 00	E. S. Riggs ... 125 00			
	Carried forward		$ 4,620 00	$ 6,406 71	$ 66,035 60

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF THE ATTORNEY-GENERAL—*Continued.*			
14.	ADMINISTRATION OF "PROHIBITION ACT"—*Continued.*			
	(b.) Vancouver Vendor—Concluded.			
	Brought forward	$ 4,620 00	$ 6,406 71	$ 66,035 60
	Salaries—*Concluded.*			
	Temporary assistance—*Concluded.*			
	T. W. Coate ..$476 00 G. T. Rogers ..$220 00 W. H. Cochrane 63 87 H. Ross ..... 277 50 E. Collins ..... 177 50 W. G. Sheriff .. 420 96 W. Findlay .... 205 41 H. Stewart .... 220 00 V. Foster ..... 51 95 K. Urquhart ... 195 97	4,182 28		
	Expenses ($6,406.33):	$ 8,802 28		
	Office Supplies, etc.:			
	J. Ball, $99; Baxter & Wright, $2; S. Boond, $4.05; B.C. Brush Works, $8.33; B.C. Clean Towel Supply, $10; B.C. Elec. Rly. Co., $107.86; B.C. Telephone Co., $156.18; B.C. Window Cleaning Co., $12; J. G. Brown, $316.15; W. L. Brown, $7.35; Burroughs Adding Machine, $313.33; Campbell's Storage Co., $2.50; Can. Bank of Commerce, $2.80; C.P.R. Co., $9.10; City Waterworks, $14.35; Clarke & Stuart Co., $46.35; Cope & Son, Ltd., $3.60; Cunningham Drug Stores, $1.25; Dominion Express Co., $7.15; Dominion Guarantee & Acc. Ins. Co., $5; D. Drummond, $2.75; Evans, Coleman & Evans, $81.20; Gold Seal Liquor Co., $2.50; Griffiths Co., $2.70; G. H. Hewitt Co., $26.45; Hall & Wallace, $1.75; Harvey & Gorrie, $46.50; T. H. Horne, $71.50; King's Printer, $382.98; Lewis & Sills, $17.35; F. B. Lewis & Co., $5; W. Metz, $5.25; Modern Office Supply Co., $17; J. Murray, $4; Nat. Cash Register Co., $5.65; Office Spec. Mfg. Co., $23.75; Pender Stationery Co., 60c.; C. Pitner, $3.50; postage, $190; Rankin & Cherrill, $25.75; E. S. Robson, $2.50; W. C. Stearman, $49.85; Sweeney-McConnell, $258.50; W. K. Tasker, $10; United Typewriter Co., $127; H. A. Urquhart, $41; Vancouver Lumber Co., $4.67	2,538 05		
	Rent:			
	Campbell's Storage Co., Ltd., $2,466.40; C.P.R. Co., $1.88; Collector Inland Revenue, $50; A. E. Tulk, $1,350	3,868 28		
			15,208 61	
	(c.) Victoria Vendor.			
	Salaries ($3,099):			
	Vendor .....T. H. Horne	$ 1,600 00		
	Assistant Vendors:			
	R. G. Ker.....$ 99 00 E. S. Wood- H. Thompsett.. 400 00 ward $1,000 00	1,499 00		
	Expenses ($2,387.94):	$ 3,099 00		
	Office Supplies, etc.:			
	B.C. Elec. Rly. Co., $100.81; B.C. Telephone Co., $70.30; C.P.R. Tel. Co., 30c.; Clark Printing Co., $6.65; Dominion Express Co., 55c.; W. F. Drysdale, $74.60; G.N.W. Tel. Co., $11.79; J. Green, $41; G. Halliday & Sons, $1.95; T. N. Hibben & Co., 70c.; Island Window Cleaning, $48; J. Kelman, $8.50; King's Printer, $53.80; F. Mellor, $24; Mellor Bros., $30.25; J. Morrison, $110; H. P. McDowell, $5.75; McTavish & Spencer, $1.20; postage, $8.25; D. H. Ross & Co., $35; Smart & Co., $4; G. A. Stevens, $38.50; Sweeney-McConnell, $114.35; Victoria Book & Stationery Co., $1.50....	791 75		
	Carried forward	$ 3,890 75	$ 21,615 32	$ 66,035 60

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF THE ATTORNEY-GENERAL—*Continued.*			
14.	Administration of "Prohibition Act"—*Continued.*			
	(c.) Victoria Vendor—Concluded.			
	Brought forward	$ 3,890 75	$ 21,615 32	$ 66,035 60
	Expenses—*Concluded.*			
	Rent:			
	C.P.R. Co., $1.19; Coll. Inland Revenue, $50; Collector of Customs, $45; S. Jones, $1,500	1,596 19	5,486 94	
	(d.) Special Operators.			
	Salaries ($1,500):			
	G. Miller	$ 1,500 00		
	Expenses ($1,422.65):			
	G. Miller, $1,042.30; Steiner Detective Agcy., $380.35	1,422 65	2,922 65	
	(e.) Insurance on Stock.			
	B. S. Brown, Ltd., $58.50; Burnett & Matheson, $58.50; L. U. Conyers & Co., $132.50; Gillespie, Hart & Todd, Ltd., $198.70; Griffiths Co., $10; Lee & Fraser, $168; G. E. MacDonald, $210.60; E. W. MacLean, $58.50; T. Mathews, $58.50; Mackay & Gillespie, $61.50; Northern Securities, Ltd., $681.15	$ 1,696 45		
	Less refund	81 80	1,614 65	
	(f.) Purchase of Stock.			
	J. C. Adams, $1; W. Allen, $437.30; J. Arendell, $5.50; R. W. Babbage, $249.93; C. Blackett, $1.10; B.C. Box Co., $480.50; B.C. Distillery Co., $133.35; B.C. Vinegar Works, $456.45; R. A. Brown & Co., 50c.; G. Bunney, $3.75; W. Campbell, $3; Campbell's S.F.S. & M. Co., $1,043.12; Canadian Express Co., $38.51; C.P.R. Co., $6,898.86; Can. Con. Rubber Co., $1.35; Can. Wine & Spirit Co., $3,664.83; J. Clancy, $3; Collector of Inland Revenue $7,430.31; Columbia Paper Co., $168.36; Dominion Express Co., $8,290.39; Dominion Glass Co., $376; H. Corby Distillery Co., $8,683.12; R. Darken, $2.50; P. J. Donohoe, $2; W. F. Drysdale, $2.20; H. Duns, $3.75; E. & N. Rly. Co. $354.57; W. Ferguson, 75c.; W. Fredericks, $8; Freyseng Cork Co., $148.07; R. E. Frost, $2.45; D. Gash, 75c.; Gillespie & Co., $34,274.49; Gooderham & Worts, $8,085; W. Gordon, $5.75; C. Green, $3.50; G. Gurevitch, $162.57; G. Halliday & Sons, 90c.; Hall & Co., 85c.; J. S. Hamilton & Co., $122.88; J. Heaney, $171.07; H.M. Customs, $13,025.03; Hudon Hebert & Cie, $11,191; Hudson's Bay Co., $16,398.10; J. S. Hamilton & Co., $129.18; King's Printer, $223.97; J. Leigh & Sons, $67.40; Lewis & Sills, Ltd., $45.45; A. Littlefield, $4.25; Mainland Transfer, $12.13; Medalta Stoneware, $1,075.62; Merchants' Cartage Co., $425.71; E. G. McBride, $1,423.10; McTavish & Spencer, $45.50; McTavish Bros., $56; National Drug Co., $142.44; J. Nott, $4; Pacific Cartage Ltd., $1.50; Pacific Steamship Co., $562.70; Pither & Leiser, $1,196.30; Pony Express, $1.50; E. G. Prior & Co., $17.38; Reliable Messenger Co., $6.75; Renwick & Cunliffe, $159.75; R. P. Rithet & Co., $3,118.49; J. R. Robertson, $47.75; E. S. Robson, $3; D. H. Ross & Co., $51.99; J. E. Seagram & Sons, $5,656.98; Silver Spring Brewery, $295.50; Smith, Davidson & Wright, $217.51;			
	Carried forward		$ 31,639 56	$ 66,035 60

No. of Vote.	SERVICE.		Expended.
	DEPARTMENT OF THE ATTORNEY-GENERAL—*Continued.*		
14.	ADMINISTRATION OF "PROHIBITION ACT"—*Concluded.*		
	(f.) Purchase of Stock—Concluded.		
	Brought forward	$ 31,639 56	$ 66,035 60
	R. Stevens, $4.50; Superior Liquor Co., $45,529.20; St. Lawrence Paper Bag Co., $36.30; J. R. Taviotdale, $11,203.57; H. Thompsett, $8; Thorpe & Co., $1.50; Turnbull Bros., $62,564.31; Union Steamship Co., $2.95; A. Urquhart, $1.75; F. B. van Sicklin, $4.75; Vancouver Breweries, $405; Vancouver Glass Co., $146.03; Victoria Junk Co., $6; Victoria-Phoenix Co., $33; J. Vignola, $3; H. Walker & Sons, Ltd., $25,164.53; Weiler Bros., $44.70; Western Canada Liquor Co., $57,730.40; Western Junk Co., $532.63; Westminster Brewery, $272.50; J. C. Wilson, Ltd., $16; Winnipeg Exporters, $3,014.60; H. Wittman, $34.75; S. J. Woodrow, 62c.; Wood, Vallance & Leggat, $6; H. Wootten & Son, $625; A. Yates, $2	$344.721 85	
	By cash	316,434 32	
		28,287 53	
	Total expenditure, Administration of "Prohibition Act"		59,927 09
15.	PROVINCIAL LIBRARY AND ARCHIVES.		
	Salaries ($12,165):		
	Librarian and Archivist ..... E. O. S. Scholefield	$ 2,820 00	
	Chief Cataloguer ..... A. Russell	1,524 00	
	Assistant Cataloguer ..... M. Wolfenden	900 00	
	Reference Assistant and Acting Librarian ..... J. Forsyth	1,432 00	
	Supt., Travelling Libraries ..... H. Killam	1,344 00	
	Junior Clerks:		
	A. C. Dunn ..... $405 00 E. T. G. McGregor .. $700 00		
	E. Heinekey 780 00	1,885 00	
	Stenographer ..... K. Austin	780 00	
	Archives Indexer ..... M. Cree	700 00	
	Archives Stenographer ..... M. Anderson	780 00	
		$ 12,165 00	
	Expenses ($13,427.21):		
	Office Supplies, Books, Subscriptions, etc.:		
	Academy of Political Science, $5; Advertiser Pub. Co., $6.23; Albertan Pub. Co., $1; E. G. Allen & Sons, $1,045.44; T. Allen, $15.83; A. L. A. Publishing Co., $10.45; American Association for Labour Legislation, $6.25; American City, 75c.; American Civic Association, $5; American Economic Association, $6.25; American Historical Association, $1.50; American Institute of Electrical Engineers, $7.12; American Journal of Care for Cripples, $3; American Library Association, $11.36; American Lumberman, $4.14; American Machinist, $5.50; American Numismatic Association, $2; American Political Science Association, $6; American Social Hygiene Association, $1.75; American Statistical Association, $4; Angus & Robertson, $105.81; Annalist, $4.50; D. Appleton & Co., $6.50; The Argonaut, $5.20; Army & Navy Gazette, $2.64; Asia Publishing Co., 75c; Ashcroft Print Co., $1.50; Atlantic Monthly, $1.10; K. Austin, $1; N. W. Ayer & Son, $10; H. R. Baines $3.04; Baker & Taylor Co., $110.41; R. Banks & Son, 73c.; J. A. Bates, $5; Bender-Moss Co., $8; M. Bender & Co., $31; A. Berthel, $46.22; Bigger Press, $2.50; Book World, 53c.; Boston Book Co., $8.81; Boston Transcript Co., $3.15; R. R. Bowker, $17.49; Brandon Weekly Sun, $3.45; W. Briggs, 89c.; B.C. Federa-		
	Carried forward	$ 12,165 00	$ 125,962 69

No. of Vote.	SERVICE.	Expended.

DEPARTMENT OF THE ATTORNEY-GENERAL—*Continued.*

15. PROVINCIAL LIBRARY AND ARCHIVES—*Continued.*

Brought forward ..... $ 12,165 00 $ 125,962 69

Expenses—*Continued.*

Office Supplies, Books, Subscriptions, etc.—*Continued.*

tionist, 35c.; B.C. Financial Times, $4.50; B.C. News Co., Ltd., $5; B.C. Telephone Co., $237.98; Bruce Publishing Co., 85c.; Bulletin Co., $2.70; J. & E. Bumpus, $12.17; Burroughs & Co., Ltd., $72.30; Butterworth & Co., $5.65; Calgary Herald, $1; Cambridge University Press, $5.31; Campaigner, $1; Canadian Annual Review, $21.02; Canada Law Book Co., $116.90; Canada Newspaper Co., $7.50; Canadian Courier, $1; Canadian Express Co., $11.10; Canadian Facts Publishing Co., $2.75; Canadian Finance, $2; Canadian Gazette, $5.48; Can. Law List Publishing Co., $7; Canadian Medical Directory, $4; Canadian Military Gazette, $9; C.P.R. Telegraph Co., $8.05; Canadian Railway and Marine World, $2.50; Canadian Red Cross Society, $2.50; Canadian Storage and Transfer Directory, $3; Callaghan & Co., $9.50; Cariboo Observer, $2; Carswell Co., $164.85; Cassell & Co., $1.94; Central News Agency, $12.95; Champlain Society, $10; Chicago Tribune, $4; A. H. Clark Co., $409.34; T. & T. Clark, $6.87; Coal Age, $4; Columbian Co., Ltd., $22.50; Rev. G. Cook, $2; Commercial and Financial Chronicle, $11.50; Cowichan Leader P. & P. Co., $1.90; Cranbrook Herald, Ltd., 50c.; Creston Review, $2.50; Critic, $1.50; F. A. Crisp, $10.71; Cross-France Co., $16; Cumulative Digest Corp., $5; Daily Alaskan, $29.25; W. B. Dana Co., $2.90; J. M. Dent & Sons, $3.75; Dial, 75c.; Dodd, Mead & Co., $4.05; Dominion Express Co., $12.67; Dominion Law Book Co., $3.95; J. Dougall & Son, 35c.; Dow, Jones & Co., $2.87; Dramatic Mirror, $1.05; Edmonton Journal, $4; H. P. Eldridge, $1.75; Empire Pub. Co., $16.60; Engineering & Mining Record, $6.50; Eyre & Spottiswoode, $216.74; Facture, $15.73; J. Fairfax & Sons, $22.06; F. W. Faxon Co., $2; Federal Pub. Co., $5; H. Fleming, $18.50; E. Fleming, $90; Flying & Aero Club Bulletin, $5; J. Forsyth, 50c.; J. D. Fraser, $1.55; W. S. Fraser & Co., 50c.; H. Gagnier, Ltd., $6; Gaylord Bros., $6.19; Gazette, $7.50; Geographia, Ltd., $5.16; Geographical Society of Quebec, 75c.; W. Glaisher, 61c.; Gleaner, 70c.; Globe Printing Co., $4; R. E. Gosnell, $19.10; Grafton & Co., $2.07; G.N.W. Telegraph Co., $3.90; Greenwood Ledge, $2.50; Grove Park Press, $5.35; Halifax Herald, $16.75; Harvard Univ. Press, $1.56; Heaton's Agency, $3; Henderson Directory Co., $85; Herald Pub. Co., $12; Bruno Hessling, $4; T. N. Hibben & Co., $268.90; Hinds, Hayden & Eldridge, 95c.; H.M. Customs, $2.60; Historic Landmark Association of Canada, $5; Historical Pub. Co., $3.40; J. Hitchman, $9.24; Hodder & Stoughton, Ltd., $15.90; Houston's Standard Pub., $6; Hotel Red Book Co., $3; House and Garden, $4.08; Hudson Book Co., $576.50; Illustrated London News, $3.74; Illustrated Sporting and Dramatic News, $2.70; The Independent, $2.77; Industrial Management, $7.50; Industrial and Educational Press, $1.70; Industrial Progress & Commercial Record, $1.45; International Press, $8.75; Iron & Steel Institute, $7.30; Marshall Jones Co., $10; Journal of American Inst. of Criminal Law, $7; Journal of Can. Bankers' Assn., $2; Journal of Commerce Publishing Co., $4; Journal of Geology, $4.30; Kamloops Press, $4.75; Kamloops Telegram, $2.50; E. P. Kay, $3.50; Kelowna Courier, 50c.; Kelly's Pub. Co., $53; King's Printer, $2,672.54; P. S. King & Son, $84.89; Kitsilano Times, $6; The Kootenaian, $2; La Cie de Publication de L'Eclaireur, $9; A. M. Laughton, 88c.; The Ledge, 50c.; L'Evenement, $3; The Librarian, $1.50; Library of Congress, $4.72; Life, $1.38; Literary Digest, $3.85; The Little Review, $2.75; Living Age, $6.50; Lloyd's Reg. of Shipping, $40; H. G.

Carried forward ..... $ 12,165 00 $ 125,962 69

No. of Vote.	SERVICE.	Expended.	
	DEPARTMENT OF THE ATTORNEY-GENERAL—*Continued.*		
15.	PROVINCIAL LIBRARY AND ARCHIVES—*Continued.*		
	Brought forward	$ 12,165 00	$ 125,962 69
	Expenses—*Continued.*		
	Office Supplies, Books, Subscriptions, etc.—*Concluded.*		
	MacGill, $1.50; H. C. MacLean Co., $2.50; MacLean Pub. Co., 90c.; Macmillan Co. of Canada, $76.22; Maggs Bros., $57.26; Mail & Empire, $1; Manual of Railroads, etc., $25; W. M. Mayes, $114.17; A. Maynard, $27.40; McGraw-Hill Book Co., $10; Merritt Herald, $12; Milne, Tannahill & Methuen, $2.61; Mines Pub. Co., $2; Min. & Engineering Record, $3.75; Min. & Scientific Press, $5; Mississippi Valley Hist. Association, $4.50; Monetary Times, $4; Montgomery Bros., $5.50; Morning Leader, $5.50; Montreal Daily Star, $3; Montreal Fin. Times, $3.75; Montreal Witness, $1.50; J. Murray, $2.66; McClelland, Goodchild & Stewart, Ltd., $19.51; Nanaimo Daily Herald, $10; Nanaimo Free Press, $3; The Nation Pub. Co., $4.48; National Alumni, $66.98; National Association of State Libraries, $5; National Geographic Society, $6; National Progress Pub. Co., 50c.; Naval & Military Record, 36c.; T. Nelson & Sons, $11.78; News Pub. Co. (Nelson), $16.50; New York Times Index, $66.63; North American Review, $4; North China News and Herald, $24.33; The Numismatist, 44c.; Observer P. & P. Co., $2.50; Omineca Herald, $2.50; Oregon Hist. Society, $63; Otago Daily Times & Witness News Co., $10.04; Ottawa Newspaper Subscription Bureau, 75c.; The Outlook Company, $5; Oxford University Press, $17.77; Pacific Marine Review, $2; Pacific Northwest Library Association, $5; Pacific Ports, $7.50; F. Pagett, $1.75; Park Pub. Co., $70; Peerless Key Co., $4.50; Penticton Herald, $2.50; A. J. Philip, $1.58; The Playground and Recreation Association, $1.80; Poor's Manual Co., $8.22; Port Alberni Ptg. & Pub. Co., $2.50; postage, $73.42; Prince Rupert News Ptg. & Pub. Co., $19.50; Public Works Department, $6; Public Health Journal, $2.50; Public Libraries, 50c.; Publishers Circular, Ltd., $1.32; B. Quaritch, $277.55; W. F. Quarrie & Co., $45.50; Record Pub. Co., $13; Regina Leader, $1.50; Reliable Messenger Co., 75c.; Reliable Transfer Co., $31.99; Remington Typewriter Co., $1.75; Renouf Pub. Co., 48c.; Revelstoke Review Pub. Co., $3.25; Review of Reviews, $2.50; J. R. Robertson, $6.75; Royal Historical Soc., $9.73; Rod and Gun, $1.50; The Rudder, $2.50; Russell Sage Library, 25c.; Saskatoon Star, $5; Saturday Chinook, $2; Savannah, $98; Scottish Review, $1.24; C. H. Smith & Co., $142.10; Smith & Champion, $47; J. Sommer & Sons, $5.40; The Standard, $3.75; B. F. Stevens & Brown, $84.02; H. Stevens, Son & Stiles, $1,223.62; E. Stock, $15.64; Summerland Review, $2.50; Supt. of Documents, $1.70; The Survey, $3.75; Sydney Herald, $16.78; R. W. L. Tibbits, $2; G. Todd, $3.05; Trail News, 75c.; Tribune Pub. Co., $2.50; Toronto Saturday Night, $3; Trustees of British Museum, $14.60; Truth Pub. Co., $1.85; Turner, Beeton & Co., $38.75; United Typewriter Co., $5; University Magazine, $2; University of Chicago Press, $2.17; Vancouver Province, $18; Vancouver Sun, $31.73; Vancouver World, $23.20; Vanderhoof Herald, 75c.; Vernon News, 50c.; Victoria Book & Stationery Co., $87.78; Victoria Colonist, $32.10; Victoria Times, $104.10; Victoria News Agency, $19.80; Victoria Photo Co., $7.40; Wall Street Journal, $12; F. Waterhouse & Co., $3.24; The Week, $4.67; W. Wesley & Son, $1.18; Western Clarion, $1; Western Lumberman, $2; The Westminster Co., $2; Whitehorse Weekly Star, $5; A. Wilson, $564.11; L. N. Wilson, $6; H. W. Wilson Co., $125.84; Wilson & Horton, $19.66; Wilson & Mackinnon, $8.87; W. G. Winterburn, $20; Yale Review, 80c.	11,449 94	
	Carried forward	$ 23,614 94	$ 125,962 69

No. of Vote.	SERVICE.		Expended.
	DEPARTMENT OF THE ATTORNEY-GENERAL—*Continued.*		
15.	PROVINCIAL LIBRARY AND ARCHIVES—*Concluded.*		
	Brought forward	$ 23,614 94	$ 125,962 69
	Expenses—*Concluded.*		
	Travelling Libraries:		
	T. Allen, $145.78; R. R. Bowker, $2; B.C. News Co., $51.82; C.P.R. Co., $15.03; H. Copp Agency, $41.07; Copp, Clark Co., $56.88; J. M. Dent & Sons, $70.55; Dominion Express Co., $13.12; E. & N. Rly. Co., $20.84; F. D. Goodchild, $28.77; R. E. Gosnell, $18; Hodder & Stoughton, $12.78; King's Printer, $135; J. Leigh & Sons, $85.30; Macmillan Co. of Can., $111; Musson Book Co., $83.36; McClelland, Goodchild & Stewart, $158.92; A. C. McClurg & Co., $224.83; The Page Co., $124; W. G. Paxton, $7.80; Public Works Dept., $8.50; Reliable Transfer Co., $479.92; H. W. Wilson Co., $72; Wrigley Directories, $10	1,977 27	
	Total expenditure, Library and Archives		25,592 21
	LAND REGISTRY OFFICES.		
16.	KAMLOOPS.		
	Salaries ($15,145.57):		
	Registrar ..... C. H. Dunbar	$ 3,120 00	
	Chief Clerk ..... W. J. Burton	1,600 00	
	Surveyor ..... G. F. Simson	720 00	
	Surveyor ..... F. A. Phillips	1,440 00	
	Clerks:		
	J. Marshall ..$1,424 00 C. Perrin $1,140 00		
	C. Outhett ... 1,636 00 R. T. Thoburn 1,212 00	5,412 00	
	Stenographers:		
	A. Dyson .... 900 00 M. Kelly 723 57		
	M. Ford ..... 840 00 E. M. Smith.. 390 00	2,853 57	
		$ 15,145 57	
	Expenses ($1,522.76):		
	Office Supplies, etc.:		
	Burroughs & Co., $20; N. S. Dalgleish, $1; Dominion Express Co., $40.17; Electric B. P. & Map Co., $40.50; The Griffiths Co., $3.10; Hudson's Bay Co., $4.20; King's Printer, $595.33; Lands Department, $54.60; Law Society of B.C, $7.50; MacBeth & Miller, $25; E. B. Morden, $3.64; McKinnon Heating & P. Co., $2.20; Postmaster (Kamloops), $582; Postmaster (Victoria), $10; G. A. Roedde, Ltd., $101.05; C. L. Wain, $9.60...	1,522 76	
	Total expenditure, Kamloops Land Registry Office		$ 16,668 33
17.	NELSON.		
	Salaries ($13,151.16):		
	Registrar ..... E. S. Stokes	$ 2,400 00	
	Chief Clerks:		
	F. C. Ronan (3 mos.) ..... $ 375 00		
	H. E. Landman (9 mos.) 1,185 00	1,560 00	
	Surveyors:		
	A. E. Pickford $1,500 00 A. E. Thompson 345 00	1,845 00	
	Clerks:		
	J. S. Goulding 1,260 00 C. J. McGuigan 1,260 00		
	R. Morrow .. 1,227 60 D. C. Wilson.. 1484 00	5,231 60	
	Carried forward	$ 11,036 60	$ 16,668 33 $ 151,554 90

UNIVERSITY OF ILLINOIS LIBRARY MAR 19 1921

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF THE ATTORNEY-GENERAL—*Continued.*			
	LAND REGISTRY OFFICES—*Continued.*			
17.	NELSON—*Concluded.*			
	Brought forward		$ 11,036 60	$ 16,668 33 $ 151,554 90
	Salaries—*Concluded.*			
	Stenographer ..... V. McCoy		980 00	
	Janitor ..... J. K. Salter		1,050 00	
	Temporary assistance:			
	R. Linblad $33 88	J. Smallwood.. 33 88		
	W. Palethorpe... 16 80	.....	84 56	
			$ 13,151 16	
	Expenses ($1,561.04):			
	Office Supplies, etc.:			
	B.C. Plumbing, etc., Co., $1; B.C. Tel. Co., Ltd., $76.80; J. Burns & Son, $22.23; Burroughs & Co., Ltd., $20; C. P. Rly. Co., $20.53; City of Nelson, $82.95; H. N. Coursier, $6; Dominion Express Co., $41.05; Howe Electric Co., $23.40; King's Printer, $383.87; H. R. Kitto, $3.50; Kootenay Steam Laundry, $2.75; Law Society of B.C., $9.50; D. A. McFarland, $173.61; Nelson Daily News, $15; Nelson Hardware Co., $13.35; Nelson Transfer Co., $2; Office Specialty Mfg. Co., Ltd., $103; postage, $336; J. Radcliffe, $2; P. J. Rahal, $1.75; Rutherford Drug Co., Ltd., $1; Western Union Tel. Co., $1.25; West Transfer Co., 50c. ...		1,343 04	
	Travelling Expenses:			
	H. E. Landman, moving expenses, Victoria to Nelson		218 00	
	Special Warrant No. 12:			
	F. C. Ronan, retiring allowance equal to three months' salary		375 00	
	Total expenditure, Nelson Land Registry Office			15,087 20
18.	NEW WESTMINSTER.			
	Salaries ($21,446):			
	Registrar ..... T. O. Townley		$ 3,120 00	
	Chief Clerk ..... R. H. Cheyne		2,020 00	
	Surveyors:			
	H. E. Hughes (9 mos.) $1,080 00			
	A. V. Giuliany (2⅞ mos.) 345 00		1,425 00	
	Clerks:			
	C. E. Annandale$1,332 00	G. Smith ...$1,364 00		
	M. D. Johnson 1,380 00	A. T. Turnbull 810 00		
	C. P. Latham 1,424 00	F. G. Watts.. 1,260 00		
	J. W. Nelson.. 1,332 00	L. F. Williams 1,260 00		
	A.H.Sivewright 1,284 00	.....	11,446 00	
	Stenographers:			
	M. I. Kelly... 780 00	A. S. Turnbull 915 00		
	G. M. Rogers 780 00	.....	2,475 00	
	Janitor ..... T. H. Hatherly.....		960 00	
			$ 21,446 00	
	Expenses ($1,702.46):			
	Office Supplies, etc.:			
	Anderson & Lusby, 15c.; Annandale Supply Co., $5.65; B.C. Telephone Co., $78.98; W. R. Burr & Co., $19.50; Burroughs & Co., $44; F. Cameron, $3.70; W. C. Chamberlin, $2; City of New Westminster, $120.62; Dominion Express Co., $12.25; W. E. Fales, $3; A. V. Giuliany, $34.57; G. H. Hewitt Co., Ltd., $1.50; King's Printer, $521.08;			
	Carried forward		$ 21,446 00	$ 31,755 53 $ 151,554 90

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF THE ATTORNEY-GENERAL—*Continued.*			
	LAND REGISTRY OFFICES—*Continued.*			
18.	NEW WESTMINSTER—*Concluded.*			
	Brought forward	$ 21,446 00	$ 31,755 53	$ 151,554 90
	Expenses—*Concluded.*			
	Office Supplies, etc.—*Concluded.*			
	H. T. Kirk, $5.75; Law Society of B.C., $7.50; London Guarantee & Accident Co., $12; Model Grocery, $1; C. Moulton, $24.45; McGregor, Johnston & Thomas, $4; J. Muirhead, $25.75; New Westminster Gas Co., $7.67; postage, $608; G. A. Roedde, Ltd., $112.82; Royal City Laundry, $18.37; H. Ryall, $8; T. J. Trapp & Co., $3.35; West Disinfecting Co., $6.80; Wrigley Directories, $10	1,702 46		
	Total expenditure, New Westminster Land Registry Office..		23,148 46	
19.	PRINCE RUPERT.			
	Salaries ($5,100.81):			
	Registrar ..... H. F. MacLeod	$ 2,400 00		
	Chief Clerk ..... W. J. Ledlie	1,600 00		
	Surveyor ..... H. C. Black	195 00		
	Stenographers:			
	A. M. Jenns ..$678 71 N. E. Pringle..$227 10	905 81		
		$ 5,100 81		
	Expenses ($336.35):			
	Office Supplies, etc.:			
	City of Prince Rupert, $66.14; Dominion Express Co., 90c.; Employers Liability Ass. Corp., $8; King's Printer, $102.96; Law Society of B.C., $7.50; A. E. Malacord, $21; McRae Bros., $2.25; Pacific Cartage, $15.60; postage, $112	336 35		
	Total expenditure, Prince Rupert Land Registry Office....		5,437 16	
20.	VANCOUVER.			
	Salaries ($42,785.30):			
	Registrar ..... A. G. Smith	$ 4,800 00		
	Chief Clerk ..... R. T. F. Granger	2,440 00		
	Surveyors:			
	D. W. Baker $1,500 00			
	A. V. Giuliany (9 mos.) 1,095 00	2,595 00		
	Clerks:			
	A. Adamson ..$1,424 00 J. W. Morrison 1,544 00			
	B. Dalton ... 1,648 00 J. A. McLean 1,592 00			
	M. M. Doherty 1,620 00 A. E. Ranniger 1,332 00			
	G. W. Emery 1,544 00 J. Rayner ... 1,620 00			
	J. Hay ..... 1,484 00 M. B. Sowerby 1,152 00			
	F.J.Hutchinson 1,260 00 J. M. Sutton. 1,140 00			
	G. B. Jones .. 1,860 00 J. W. Tillotson 1,332 00			
	P. Mallett.... 1,332 00 W. H. Walker 1,544 00			
	A. D. Mason.. 1,212 00 G. Weeks 1,260 00			
	G. M. Matheson 1,544 00 E. J. Wood .. 1,260 00	28,704 00		
	Stenographers:			
	K. M. Campbell 840 00 C.M.Macpherson 780 00			
	W. Langley .. 1,020 00 A. M. Pattison 819 00	3,459 00		
	Temporary assistance:			
	J. M. Burgoyne 102 00 J. McGill 130 30			
	H. Grayston .. 555 00	787 30		
	Carried forward	$ 42,785 30	$ 60,341 15	$ 151,554 90

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF THE ATTORNEY-GENERAL—*Continued.*			
	LAND REGISTRY OFFICES—*Concluded.*			
20.	VANCOUVER—*Concluded.*			
	Brought forward		$ 42,785 30	$ 60,341 15 $ 151,554 90
	Expenses ($1,730.23): G. W. Barker Co., $18; B.C. Telephone Co., Ltd., $5.23; Can. Pac. Rly. Co., $3.03; Dominion Express Co., $15.16; Dominion Government publications, $12.75; Forbes & Van Horne, $1.50; Henderson Directory Co., $8; Hudson's Bay Co., $3; King's Printer, $1,045.86; Law Society of B.C., $7.50; London Guarantee & Accident Co., $8; Mainland Transfer Co., $6.35; postage, $450; G. A. Roedde, Ltd., $129.40; W. Stearman, 90c.; U. Typewriter Co., $9.50; Vancouver Map & B.P. Co., $5.40; Vancouver Stationers, 65c.		1,730 23	
	Total expenditure, Vancouver Land Registry Office			$ 44,515 53
21.	VICTORIA.			
	Salaries ($29,770.24):			
	Registrar-General:			
	J. C. Gwynn (7 mos., 6 days)	$2,160 00		
	F. J. Stacpoole (4 mos., 19 days)	1,390 00	$ 3,550 00	
	Chief Clerk — E. M. Fort		2,439 96	
	Surveyors:			
	H. F. Hurst	$1,440 00		
	H. Webster	1,500 00	2,940 00	
	Clerks:			
	M. J. Appleby	1,332 00		
	R.C.Hemberow	63 87		
	J. C. Banks	1,260 00		
	J. Holms	1,600 00		
	T. Cashmore	1,852 00		
	H. E. Landman	360 00		
	F. Du Bois	1,580 00		
	F. Mackenzie	1,580 00		
	L. W. Evans	1,260 00		
	C. Moss	1,332 00		
	F. R. Exham	1,580 00		
	J. T. Muirhead	1,600 00		
	G. Flamank	1,364 00		
	B. F. J. Ward	1,959 96	18,723 83	
	Stenographers:			
	M. Harris	780 00		
	E. W. Pineo	420 00		
	N. Mutrie	450 00		
	M. Shearer	376 45	2,026 45	
	Office-boy — H. T. S. Hope		90 00	
			$ 29,770 24	
	Expenses ($1,681):			
	Office Supplies, etc.: F. W. T. Bahr, $5; B.C. Tel. Co., Ltd., $82.27; Carswell Co., Ltd., $22.65; Electric Blue Print & Map Co., $3.80; Imperial Guar. & Acc. Ins. Co., $8; Jameson, Rolfe & Willis, 25c.; King's Printer, $922.40; Lands Department, $102.90; Law Society of B.C., $7.50; Macey Office Equipment Co., Ltd., $3.75; Pitter & Johnstone, $6.40; postage, $378; Public Works Dept., $4.25; Reliable Transfer Co., $10.45; E. C. Senkler, $20; J. E. Smart & Co., $4; Smith & Champion, $3.38; Sweeney-McConnell, $1; Victoria Book & Stationery Co., $57.50		1,643 50	
	Travelling Expenses: F. J. Stacpoole		37 50	
	Total expenditure, Victoria Land Registry Office			31,451 24
	Total expenditure, all Land Registry Offices			136,307 92
	Carried forward			$ 287,862 82

No. of Vote.	SERVICE.		Expended.
	DEPARTMENT OF THE ATTORNEY-GENERAL—*Continued.*		
	Brought forward		$ 287,862 82
	SUPREME AND COUNTY COURTS.		
22.	CHILLIWACK.		
	Salaries ($1,080):		
	Registrar, County Court ...J. Pelly	$ 600 00	
	Janitor .....J. Peers	480 00	
		$ 1,080 00	
	Expenses ($337.58):		
	Office Supplies, etc.:		
	B.C. Elec. Rly. Co., Ltd., 90c.; Chilliwack Tel. Co., Ltd., $51.40; Dominion Express Co., $1.25; F. Jeune & Bro., Ltd., $8.85; King's Printer, $11.98; S. Mellard, $3; Menzies Hardware Co., $2.70; postage, $84; S. Pugh, $1.25; J. Scott, $25.80; I. H. Watson, Insurance Agencies, Ltd., $6	197 13	
	Fuel, Light, Water, etc.:		
	B.C. Elec. Rly. Co., Ltd., $5.05; Elk Creek Waterworks Co., Ltd., $18; J. P. Robertson, $110.35	133 40	
	Maintenance and Repairs, etc.:		
	Demnark & Burton	7 05	
	Total expenditure, Chilliwack County Court		$ 1,417 58
23.	LADYSMITH.		
	Salaries ($300):		
	Deputy Registrar .....J. Stewart	$ 300 00	
	Expenses ($19.29):		
	Office Supplies, etc.:		
	B.C. Telephone Co., Ltd., 25c.; King's Printer, $11.46; W. Monteith & Co., $2; postage, $5.58....	19 29	
	Total expenditure, Ladysmith County Court		319 29
24.	MERRITT.		
	Salaries ($1,271):		
	Deputy Registrar:		
	W. H. Boothroyd (5 mos.)	$ 125 00	
	Janitors:		
	G. Devonshire ..$96 00 T. Watt $1,050 00	1,146 00	
		$ 1,271 00	
	Expenses ($475.92):		
	Office Supplies, etc.:		
	Armstrong's, Ltd., $2.40; J. P. Boyd, $3; C.P. Telegraph, 33c.; Corporation of City of Merritt, $4.25; Dominion Express Co., 45c.; Govt. Tel. Service, $72.25; King's Printer, $1; Merritt Mercantile Co., $8.75; P. McLean, $7.35; postage, $2	101 78	
	Maintenance and Repairs, etc.:		
	Armstrong's Departmental Store, Ltd., $6.30; E. Lakey, $7.50; Merritt Mercantile Co., $32.10; M. H. Rork, $5; L. A. Teitelbaum, $2.37; F. Walker, $25.50	78 77	
	Fuel, Light, Water, etc.:		
	F. R. Barrett, $14; Corporation of City of Merritt, $70.37; Fleming Coal Co., Ltd., $175; J. Kennedy, $6; J. Kilroy, $6; C. McIntosh, $24	295 37	
	Total expenditure, Merritt County Court		1,746 92
	Carried forward	$ 3,843 79	$ 287,862 82

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF THE ATTORNEY-GENERAL—*Continued.*			
	SUPREME AND COUNTY COURTS—*Continued.*			
	Brought forward		$ 3,843 79	$ 287,862 82
25.	NELSON.			
	Salaries ($2,835.96):			
	Registrar, Supreme and County Courts ..... T. M. Bowman	$ 2,115 96		
	Stenographer ..... M. C. Steele	720 00		
		$ 2,835 96		
	Expenses ($363.31):			
	Office Supplies, etc.: B.C. Tel. Co., Ltd., $192.75; C.P. Rly. Co. Tel., $17.05; Dom. of Can. Guar. and Accident Insurance Co., $8; Dominion Express Co., $9.88; Imp. Guar. and Accident Insurance Co., $4; King's Printer, $86.25; postage, $44; Wells, Fargo & Co. Express, 75c; Western Union Tel. Co., 63c.	363 31		
	Total expenditure, Nelson Supreme and County Courts....		3,199 27	
26.	NEW WESTMINSTER.			
	Salaries ($5,684):			
	Registrar, Supreme and County Courts ..... J. J. Cambridge	$ 2,248 00		
	Deputy Registrar ..... A. J. Brine	1,556 00		
	Clerk ..... J. E. Turnbull	1,020 00		
	Stenographer ..... E. M. Annandale	840 00		
	Janitor and Messenger .... T. Haslam	20 00		
		$ 5,684 00		
	Expenses ($745.66):			
	Office Supplies, etc.: B.C. Elec. Rly. Co., Ltd., $25; B.C. Telephone Co., Ltd., $273.58; G. Calbick, $15; C.P. Rly. Co. Tel., 67c.; W. C. Chamberlin, $2.50; C. S. Corrigan, $9; R. Davidson, $15; Dominion Express Co., $6.75; Insley Press, 50c.; King's Printer, $230.44; London Guar. & Accident Co., Ltd., $8; D. McElroy, $9; postage, $150.22	745 66		
	Total expenditure, New Westminster Supreme and County Courts		6,429 66	
27.	PRINCE RUPERT.			
	Salaries ($2,200):			
	Registrar, Supreme and County Courts ..... W. E. Burritt	$ 2,200 00		
	Expenses ($276.46):			
	Office Supplies, etc.: W. A. Adams, $9; City of Prince Rupert, $121; Dom. of Canada Guarantee & Accident Insurance Co., $4; Dominion Express Co., $2; Dominion Govt. Telegraphs, $16.58; King's Printer, $44.88; London Guarantee and Accident Insurance Co., $8; E. A. Malacord, $12; Pacific Cartage, $6; postage, $52; Prince Rupert Light & Power Department, $1	276 46		
	Total expenditure, Prince Rupert Supreme and County Courts		2,476 46	
28.	VANCOUVER.			
	Salaries ($23,310.65):			
	Registrar, Supreme and County Courts ..... A. B. Pottenger	$ 3,720 00		
	Deputy Registrar ..... J. C. Dockerill	2,140 00		
	Carried forward	$ 5,860 00	$ 15,589 18	$ 287,862 82

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF THE ATTORNEY-GENERAL—*Continued.*			
	SUPREME AND COUNTY COURTS—*Continued.*			
28.	VANCOUVER—*Concluded.*			
	Brought forward	$ 5,860 00	$ 15,589 18	$ 287,862 82
	Salaries—*Concluded.*			
	Clerks:			
	W. H. Allen..$1,260 00 R. C. Knight $1,332 00			
	L. J. Brown.. 1,260 00 M. G. Pascoe 96 00			
	C. M. Dallas.. 1,164 00 J. A. Preston 1,260 00			
	H. N. Frith.. 1,380 00 M. Stewart 360 00			
	J. L. Gardner 1,260 00 W. Thompson 1,332 00			
	I. Godfrey ... 1,332 00 W. R. Wellings 1,260 00			
	G. A. E. Hyde 1,260 00 C. E. Willis.. 65 80			
	J. F. A. King 896 85	15,518 65		
	Stenographers:			
	J. Coots ..... 312 00 M. O. Norris.. 780 00			
	C.K.Mackenzie 840 00	1,932 00		
		$ 23,310 65		
	Expenses ($1,708.15):			
	Office Supplies, etc.: B.C. Telephone Co., $23.52; Can. Pac. Rly. Co., $9.27; P. Dolan, $123; Dominion Express Co., $14.55; Electric Supply and Contracting Co., Ltd., $1.90; J. L. Fisher, $39; Fraser Express Co., 50c.; H. N. Frith, 60c.; Graham Electric Co., $14.20; G. H. Hewitt Co., $7.15; King's Printer, $907.31; H. Lane, $18; B. Lyman, $6; W. Neun, 75c.; R. Polly, $45; postage, $360; Sun Job Presses, $113; J. & J. Taylor, $1.20; United Typewriter Co., $1; Watson Insurance Agency, $20; West Disinfectant Co., $1.75; Western Speciality, Ltd., 45c...	1,708 15		
	Total expenditure, Vancouver Supreme and County Courts		25,018 80	
29.	VICTORIA.			
	Salaries ($19,828.72):			
	Registrar, Supreme Court..B. H. T. Drake (6 mos.)	$ 1,422 00		
	Registrar, County Court ...Harvey Combe	2,179 92		
	Clerk to Judges .....G. Mackay	1,464 00		
	Clerks:			
	O. Barton ...$1,380 00 D. Reid $1,260 00			
	G. A. Duncan 1,260 00 C. E. E. White 1,260 00			
	J. W. H. Little- L. P. Woodruff 1,212 00			
	boy 630 00			
	G. H. Mabon.. 1,140 00	8,142 00		
	Usher and Janitor .....J. W. Bland	1,340 00		
	Assistant Janitors:			
	C. C. Chandler$ 435 00 A. Roberts ...$ 50 80			
	J. H. Griffiths 1,050 00 A. Whitfield .. 1,050 00			
	E. Moss 450 00	3,035 80		
	Fireman .....J. Weaving	225 00		
	Elevator Attendant .....C. Minckler	980 00		
	Nightwatchman .....W. T. Pye	900 00		
	Judges' Stenographer and Clerk .....M. Unwin	140 00		
		$ 19,828 72		
	Expenses ($4,969.64):			
	Office Supplies, etc.: B.C. Elec. Rly. Co., Ltd., $17; B.C. Tel. Co., Ltd., $709.28; C.P. Rly. Co. Tel., $9.99; Dominion Express Co., $16.75; Employers' Liability Assurance Co., Ltd., $8; Gault Bros., Ltd., $12.52; King's			
	Carried forward	$ 19,828 72	$ 40,607 98	$ 287,862 82

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF THE ATTORNEY-GENERAL—*Continued.*			
	SUPREME AND COUNTY COURTS—*Concluded.*			
29.	VICTORIA—*Concluded.*			
	Brought forward	$ 19,828 72	$ 40,607 98	$ 287,862 82
	Expenses—*Concluded.*			
	Office Supplies, etc.—*Concluded.*			
	Printer, $629.19; London Guar. & Accident Co., Ltd., $12; Melrose Co., Ltd., $6.45; postage, $254; Public Works Department, $51.50; Reliable Transfer Co., $9.30; R. P. Rithet & Co., Ltd., $4; Smith & Champion, $29.50; Standard Steam Laundry, Ltd., $10.53; Turner, Beeton & Co., Ltd., $8.....	1,788 01		
	Maintenance and Repairs, etc.:			
	B.A. Paint Co., Ltd., $3.04; B.C. Elec. Rly. Co., Ltd., $20.64; Carter Elec. Co., Ltd., $62.10; Corporation of City of Victoria, $233.18; Cox & Dougal, $70; W. Duncan, $2; W. S. Fraser & Co., Ltd., $7.70; Hafer Machine Co., Ltd., $1.25; Hawkins & Hayward, $32.28; Hickman Tye Hardware Co., Ltd., $13.35; Imperial Oil, Ltd., $2.72; Simon Leiser & Co., Ltd., $9.50; Lemon, Gonnason Co., Ltd., $114.64; Little & Taylor, $7; Lofts & Bosustow, $2.50; E. B. Marvin & Co., $10.25; Mellor Bros., Ltd., $1.75; F. Mellor, $28; Melrose Co., Ltd., $416.05; W. N. O'Neill Co., Ltd., $19.16; Otis-Fensom Elevator Co., Ltd., $462.70; E. G. Prior & Co., Ltd., $2.90; Reliable Transfer Co., $10.45; Public Works Dept., $238.50; J. J. Ross, $114.01; Standard Steam Laundry, $11.01; G. A. & E. Stevens, $83.25; Waites & Knapton, $2; Weiler Bros., Ltd., $4.80	2,114 73		
	Fuel, Light, Water, etc.:			
	B.C. Elec. Co., Ltd., $276.24; Hall & Walker, $15.75; Kirk & Co., Ltd., $69.35; Mackay & Gillespie, $584.28; W. J. Pendray & Sons, Ltd., $5.40; G. Powell & Sons, $2.25; Attorney-General's Dept., $68.25; Victoria City Waterworks, $45.38	1,066 90		
	Total expenditure, Victoria Supreme and County Courts..		24,798 36	
30.	OFFICIAL STENOGRAPHERS.			
	Salaries ($2,988):			
	Stenographers:			
	F. Bunting ..$ 300 00 J. Gilbert ...$1,344 00			
	P. J. Mackay 1,344 00	$ 2,988 00		
	Total expenditure, Official Stenographers		2,988 00	
	Total expenditure, all Supreme and County Courts.....			68,394 34
31.	PROVINCIAL POLICE.			
	Headquarters.			
	Salaries ($10,841.83):			
	Superintendent .....W. G. McMynn	$ 3,360 00		
	Chief Clerk and Cashier ...D. G. Cox	1,920 00		
	Chief Detective .....J. E. Green	270 00		
	Clerks:			
	C. A. Booth ..$1,320 00 J. S. Craig ..$ 94 83			
	C. Clark ..... 840 00 G. A. Hood .. 1,520 00			
	H. H. Clarke.. 840 00	4,614 83		
	Carried forward	$ 10,164 83		$ 356,257 16

No. of Vote.	SERVICE.		Expended.
	DEPARTMENT OF THE ATTORNEY-GENERAL—*Continued.*		
31.	PROVINCIAL POLICE—*Continued.*		
	Headquarters—Concluded.		
	Brought forward	$ 10,164 83	$ 356,257 16
	Salaries—*Concluded.*		
	Special Constables:		
	F. G. Brown..$ 25 80 J. A. Thomas.$ 612 50		
	L. P. Howe .. 18 06 F. Wills 20 64	677 00	
		$ 10,841 83	
	Expenses ($3,421.58):		
	Office Supplies, etc.:		
	B.C. Elec. Rly. Co., 90c.; B.C. Telephone Co., $270.70; Can. Pac. Rly. Co., $185.33; Dominion Express Co., 25c.; Dominion Guarantee & Acc. Ins. Co., $8; Dominion Govt. Telegraphs, $2.96; Drake Hardware Co., $4; Gillespie, Hart & Todd, $4; G.N.W. Telegraph Co., $5.59; Griffith Co., $6.25; N. Henson, 50c.; King's Printer, $783.84; postage, $346; Reliable Transfer Co., $4.05	1,622 37	
	Travelling Expenses and Transportation:		
	F. G. Brown, $4.80; C. Clark, $5.55; J. S. Craig, $2.50; J. E. Green, $627.25; C. H. Henson, $21; G. A. Hood, $25.90; L. P. Howe, $5.40; F. R. Murray, $412.96; W. G. McMynn, $243.43; F. R. Wills, $39.70	1,388 49	
	Furniture and Fixtures:		
	W. S. Fraser & Co., $1.50; Macey Office Equipment Co., $86.75; F. Mellor, $5; Reliable Transfer Co., 75c.; Weiler Bros., $43.20	137 20	
	Rents:		
	B.C. Land & Investment Agency	200 00	
	Incidentals and Contingencies:		
	B.C. Elec. Rly. Co., Ltd., $35.40; C. Colpitts, $36; E. B. Marvin & Co., $1.07; Waites & Knapton, $1.05	73 52	
			$ 14,263 41
	Police Divisions.		
	Salaries of Police and Special Constables ($130,573.41):		
	Boundary District:		
	R. W. Bowen $ 155 00 C. Nichols ...$ 131 61		
	F. G. Brown.. 800 00 E. Pearse ... 10 00		
	A. K. Cape .. 210 00 R. Prichard.. 803 55		
	W. H. Dock-steader .... 453 55 J. Simpson .. 244 00		
	J. A. Fraser.. 1,360 00 G. H. Sproule 196 00		
	J. W. Grell .. 27 00 G. Stanfield .. 1,200 00		
	L. P. Howe .. 198 73 W. B. Stewart 1,200 00		
	W. H. Lines.. 780 15 J. Thompson 3 00		
	H. H. Mansell 75 00 A. C. Ward.. 9 00		
	D. D. McDonald 110 00	$ 7,966 59	
	Fort George District:		
	H. Avison ... 960 00 J. Mead 422 25		
	H. S. Avison.. 10 50 A. C. Minty .. 280 00		
	J. Bourne ... 980 00 M. C. McPhail 690 00		
	P. Carr ..... 19 84 F.F.O'Halloran 340 00		
	J. Fife ..... 36 00 T.W.S.Parsons 1,600 00		
	E. Gammon .. 229 20 P. Pierre Roi. 12 00		
	D. Gibb ..... 53 33 J.D.Richardson 30 00		
	W. R. Henley 1,140 00 W. E. Swan.. 24 00		
	Carried forward	$ 7,966 59	$ 14,263 41 $ 356,257 16

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF THE ATTORNEY-GENERAL—*Continued.*			
31.	PROVINCIAL POLICE—*Continued.*			
	Police Divisions—Continued.			
	Brought forward		$ 7,966 59	$ 14,263 41 $ 356,257 16
	Salaries of Police and Special Constables—*Continued.*			
	Fort George District—*Concluded.*			
	C. Johnson	$ 582 00		
	D. Long	252 00		
	J. Masson	15 00		
	C. Tame	$1,080 00		
	F. Wills	41 30		
	W. Woodcock	51 00	8,848 42	
	Fort St. John District:			
	J. W. Beattie	84 00		
	W. Carter	63 00		
	J. DeWette	27 00		
	G. J. Duncan	1,430 00		
	C. M. Finch	245 00		
	A. MacKinnon	63 00		
	R. M. McEwan	36 00		
	H. Taylor	1,670 00		
	J. H. Weisner	63 00	3,681 00	
	Hazelton District:			
	J. A. Aldrich	6 00		
	S. Cline	1,080 00		
	S. Cooling	27 50		
	R. Cussack	24 00		
	A. Fairbairn	1,200 00		
	D. Holland	5 00		
	J. Kelly	1,260 00		
	H. Lundy	13 75		
	S. G. Robinson	564 00	4,180 25	
	Kamloops District:			
	G. H. Adams	1,340 00		
	G. Bell	171 76		
	K. F. Birchall	600 00		
	A. Bob	16 00		
	A. Camille	3 00		
	P. Carr	801 85		
	B. Denault	22 00		
	H. Duncan	3 00		
	F. Edens	1,650 00		
	W. B. H. Games	2 50		
	H. Harris	30 95		
	E. Jewels	3 00		
	P. W. Jupp	1,140 00		
	I. LeCamp	3 00		
	N. LeCamp	3 00		
	W. H. Lines	134 85		
	T. G. Mason	330 00		
	L. Michell	3 00		
	D.A.McDonald	618 00		
	D.D.McDonald	45 70		
	T.W.S.Parsons	320 00		
	P. B. Paul	3 00		
	S. Petele	10 00		
	D. Prosper	3 00		
	F. Saul	3 00		
	W. R. Stanton	75 00		
	G. A. Taunton	129 00		
	S. Thomas	10 00		
	H. H. Vickers	815 35		
	J. Viner	6 00		
	J. Willard	3 00		
	J. Wilson	3 00	8,301 96	
	Nanaimo District:			
	J. Bannerman	20 00		
	H. Bates	40 00		
	T. Bates	5 00		
	J. N. Brown	525 35		
	J. Clark	3 00		
	E. English	7 50		
	C. F. Evans	190 00		
	G. Graham	55 00		
	J. Hannay	190 00		
	A. Haywood	30 00		
	J. R. Johnson	2 50		
	B. W. Leeson	438 70		
	A. H. Lyche	10 00		
	S. G. Millar	2 50		
	A. D. I. Mustart	1,140 00		
	J. R. Packard	7 50		
	W. D. Redford	80 00		
	J. Risath	40 00		
	R. Rushford	758 70		
	J. Russell	1,140 00		
	A.T.Stephenson	1,500 00		
	E. Stock	47 50		
	W. Thompson	12 50		
	F. Varney	160 00		
	A. Williamson	12 50		
	H. N. Wood	1,080 00	7,498 25	
	Kootenay (North-east) District:			
	F. Clarkson	90 00		
	A. E. Farey	960 00		
	J. T. S. Gibson	79 33		
	G. H. Howieson	629 33		
	P. T. Kelly	880 00		
	J. Mead	340 00		
	R. F. Mills	1,080 00		
	R.J.Sutherland	1,500 00	5,558 66	
	Kootenay (South-east) District:			
	A. Arden	3 00		
	J. Boardman	1,200 00		
	R. Bookhout	5 00		
	A. Bower	60 00		
	A. Dryden	1,080 00		
	F. McCormack	435 00		
	S. J. McNally	826 50		
	A. McNeill	1,245 00		
	J. Norgrove	68 00		
	C. O'Connor	449 90		
	Carried forward		$ 46,035 13	$ 14,263 41 $ 356,257 16

No. of Vote.	SERVICE.	Expended.

DEPARTMENT OF THE ATTORNEY-GENERAL—*Continued.*

31. PROVINCIAL POLICE—*Continued.*

Police Divisions—Continued.

Brought forward ..... $ 46,035 13 $ 14,263 41 $ 356,257 16

Salaries of Police and Special Constables—*Continued.*

Kootenay (South-east) District—*Concluded.*

M. Gorman ..	$1,200 00	E. B. Offin ..	$ 11 00	
J. Grey	7 50	W. Owen	2,085 00	
Harry Hughes	1,080 00	J. Radford ..	45 00	
Herbert Hughes	264 00	F. W. Reger..	5 00	
C. Kerr	1,200 00	H. Riviere ..	60 00	
W. H. Laird..	659 34	G. W. Shipman	1,080 00	
C. H. Martin.	1,050 00	A.J.Silverwood	10 00	
F. E. Maunder	50 00	J. Walsh	1,200 00	
E. Mills	2 50	A. Yates	984 50	16,366 24

Kootenay (West) District:

J. T. Black ..	252 00	H. McLaren ..	1,200 00	
T. Blake	2 50	B. McLellan..	1,031 33	
G. A. Carter..	80 00	B. Nottingham	20 00	
J. W. Chadwick	160 00	A. M. Pearman	1,050 00	
E. Gammon...	500 00	M. A. Sturgeon	12 50	
G. M. Gunn..	1,200 00	E. A. Vachon.	1,200 00	
J. F. Johnston	1,020 00	B. Williams..	12 50	
J. Macdonald..	836 34	J. A. Williams	33 00	
E. McGonegal	27 00	.....		8,637 17

Lillooet District:

F. E. Aiken ..	1,524 00	F.Higginbottom	96 00	
J. Barton	6 00	E. B. Irving.	518 70	
G. Bell	441 60	L. Marlow ...	5 00	
A. Bones	3 00	W. S. May ..	48 00	
S. Boyd	12 50	J. Parnell ...	3 00	
G.Butterfield..	7 50	T. Petel	12 50	
P. Carr	198 31	B. L. Racine..	35 00	
A. K. Cape ...	80 00	T. Simmons ..	2 00	
R. Eden	18 00	W. Spiller ...	23 22	
Francis (Ind.)	14 00	H. Thorp	5 00	
B. Freddy ...	14 00	H. J. Wilson.	239 24	
W. Greenwood	1,050 00	H. Wintd	15 00	
H. V. Harris ..	1,140 26	W. Young ...	12 00	5,523 83

Prince Rupert District:

C. G. Barber..	90 00	W. Kash	6 00	
K. F. Birchall	540 00	F. E. Litle ..	80 00	
A. K. Cape ..	560 00	G. Logan ...	663 67	
H. H. Carney	327 00	A. C. Minty ..	1,450 00	
D. DeHart ..	15 00	C. E. Moore..	10 50	
F. N. Emmott	1,140 00	R. McCook ..	5 00	
C. F. Evans ..	1,080 00	C. Richardson.	10 00	
E. Gammon ..	290 00	E. Roberge ..	12 00	
R. Gibson	900 00	J. W. Shiel ..	1,080 00	
W. H. Hadley	960 00	A. W. Stone..	375 00	
J. M. Hutchings	190 00	C. Tucker ...	12 50	
P. S. Jack ...	1,200 00	H.F.Wearmouth	2 50	10,999 17

Skeena-Atlin District:

J. P. Scarlett				1,320 00

Vancouver District:

C. G. Barber..	1,050 00	G. Logan	135 39	
G. Bell	400 00	C. Manby ...	219 00	
W. E. Blair..	18 66	S. Marshall ..	1,200 00	
J. Callander ..	560 00	T. Mason	810 00	
A. L. Chinn..	6 00	R.T. Matthews	1,080 00	
A. K. Cape ..	23 25	J. MacDonald.	525 00	
F. Clarkson ..	1,150 00	E. McArthur..	810 00	
J. G. Cook ...	810 00	D. McLean ..	693 70	

Carried forward ..... $ 88,881 54 $ 14,263 41 $ 356,257 16

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF THE ATTORNEY-GENERAL—*Continued.*			
31.	PROVINCIAL POLICE—*Continued.*			
	Police Divisions—Continued.			
	Brought forward		$ 88,881 54	$ 14,263 41 $ 356,257 16
	Salaries of Police and Special Constables—*Concluded.*			
	Vancouver District—*Concluded.*			
	J. S. Craig	$ 728 06		
	F. Cruickshanks	1,350 00		
	W. R. Dunwoody	1,820 00		
	F. W. Eccles	22 50		
	T. M. Forknall	1,050 00		
	W. J. Hall	402 67		
	W. H. Hadley	98 67		
	C. B. Hoby	80 00		
	W. J. Kelly	21 00		
	F. T. Larson	168 38		
	W. H. Lines	285 00		
	S. North	$1,320 00		
	J. Renner	1,140 00		
	S. S. Saunders	115 70		
	T. Smith	140 00		
	G. Thomas	9 00		
	W. Troop	9 00		
	W. J. Voisey	880 00		
	H. A. Wing	1,200 00		
	W. A. Wisley	670 65		
	T. G. Wynn	360 00		
	R. H. Young	98 67	21,460 30	
	Vernon District:			
	G. A. Carter	1,270 00		
	E. F. Crockart	5 00		
	J. A. Fraser	252 00		
	E. G. Graham	1,080 00		
	G. A. Johnson	503 44		
	D. D. McDonald	331 05		
	R. McDonald	1,200 00		
	R. W. Paton	983 00	5,624 49	
	Victoria District:			
	A. W. Atkins	495 02		
	A. Carter	170 00		
	W. R. Dunwoody	160 00		
	Mrs. I. A. Ferris	4 00		
	F. J. Fryer	180 00		
	J. E. Gilbert	1,050 00		
	W. H. Handley	795 00		
	E. B. Irving	41 30		
	W. Kier	1,224 00		
	H. D. Mainwaring	189 55		
	J. Munro	900 00		
	F. R. Murray	1,575 00		
	D. McDonald	180 00		
	M. C. McPhail	133 33		
	P. O'Hara	130 83		
	J. N. Rogers	1,080 00		
	E. Stock	2 50		
	A. W. Stone	171 30		
	A. A. Sutton	2 50		
	Miss M. J. Wark	2 50		
	H. J. Wilson	13 30		
	E. G. Wolf	683 00		
	Pay-list	12 00		
			9,195 13	
	Yale District:			
	P. Badman	1,080 00		
	W. D. Baillie	15 00		
	G. S. Blue	190 00		
	J. Bourne	380 00		
	R. W. Bowen	1,265 00		
	C. Cameron	256 00		
	R. J. Cameron	3 00		
	R. Croft	3 00		
	W. Greenwood	90 00		
	C. S. Hensman	3 00		
	S. Jackson	34 00		
	J. A. Lundy	2 50		
	D. McDonald	810 00		
	A. McKay	18 00		
	D. J. McRae	3 75		
	A. Palmer	6 00		
	T. Somerville	645 00		
	A. Strang	598 70		
	C. Williams	9 00		
			5,411 95	
	Expenses ($70,705.79):		$130,573 41	
	Office Supplies, etc.:			
	Alberta Tel. Co., 90c.; American Rly. Explo. Co., $2; W. Armstrong, 45c.; J. G. Belina, $5.25; A. Bell, $6; Bella Coola Light and Power Co., Ltd., $2.35; M. Brister, $3; B.C. Telephone Co., Ltd., $1,926.91; Brouse Rural Tel. Co., $37.65; Burr Office Supply Co., $2.75; Canadian Express Co., $16.90; Canadian Northern Express, $4.30; C.P.R. Co., $337.87; E. Chyber, $3.50; City of Prince Rupert, $69; Clarke & Stuart Co., Ltd., $1.35; Corbin Coal & Coke Co., $1.45; H. V. Cottrell, $6.49; Cranbrook Drug Co., $1; Creston Power, Light, and Telephone Co., $51.30; J. Critchley, $1; Mrs. Cummings, $1.20; F. Desharme, $32.50; Dominion Express Co., $128; Dominion Government Telegraph, $933.80; Field Drug Co., $1.25;			
	Carried forward		$130,573 41	$ 14,263 41 $ 356,257 16

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF THE ATTORNEY-GENERAL—*Continued.*			
31.	PROVINCIAL POLICE—*Continued.*			
	Police Divisions—Continued.			
	Brought forward	$130,573 41	$ 14,263 41	$ 356,257 16
	Expenses—*Continued.*			
	Office Supplies, etc.—*Concluded.*			
	W. B. Fleming, $7.70; Ft. George and Alberta Tel. and Electric Co., Ltd., $54; M. E. Gammage, $6; D. Gash, $1; F. B. Gibson, $15.15; K. Gibson, $2; J. H. Goodeve, 50c.; Granby Stores, $2.50; G.T.P. Tel. Co., $119.98; G.N.W. Tel. Co., $15.02; D. E. Grobe, $12; G. H. Hewitt Co., Ltd., $1.55; Hood Stationery Co., Ltd., $2.75; Hope Trading Co., $1.50; H. P. Horan, $3.60; Hudson's Bay Co., $1.05; Inland Express Co., $3.70; P. Jeune, 50c.; Kettle Valley Rly., $6.78; King's Printer, $2,749.50; J. Kirkpatrick, $1.20; Kootenay Tel. Co., $828.25; B. W. Leeson, $2; C. Lindow, $53.20; T. R. Lloyd, $5; D. Logan, 50c.; Macey Office Equipment Co., Ltd., $69.90; A. E. Malacord, $26; Marconi Tel. Co., $1.95; J. H. Matheson, $5; A. Maxwell, $1.25; Mission City Tel. Co., $36.50; W. Mitchell, 50c.; A. McDonald, $1.15; A. McKay, 40c.; I. McKee, $2; Natal Drug and Book Store, $2.75; Nechako Drug Co., $3.75; H. A. Nichols, $2.60; Northern Tel. Co., $84.35; Okanagan Tel. Co., $422; Pacific Cartage, Ltd., $9.27; Peace River Development Co., $9.16; Penticton Hardware Co., 30c.; C. Phillpott, $1.05; Phoenix Electric Lighting Co., Ltd., $29.17; Prince Rupert City Tel., $1; Public Works Dept., $30; Quesnel Tel. Co., $25; H. M. Ramsay, $9.25; P. Rebagliati, $1.25; Reliable Transfer Co., 35c.; Remington Typewriter Co., Ltd., $8.50; Revelstoke Trout Lake and Big Bend Tel. Co., $87.75; F. Richardson, $4; J. H. Robertson, 25c.; Royal Taxi Service, $1; Ruddy & MacKay, 50c.; W. N. Sharpe, $10.50; Siamous Hotel, 85c.; Thompson Hardware Co., Ltd., 40c.; Union S.S. Co., 50c.; Union Typewriter Co., Ltd., $19.45; Vancouver Stationery Co., 50c.; D. Watson, $1.10; West Transfer Co., $6.40; Western Union Tel. Co., $8.48; Westminster Motor Express, $2.75; E. M. Whyte, $2; Young & Kennedy, $2; Yukon Telegraph, $2; Postage-stamps. Box rent, $2,271.72		10,681 65	
	Travelling Expenses and Transportation:			
	G. H. Adam, $828.21; F. E. Aiken, $608.28; A. W. Atkins, $130.90; H. Avison, $18.50; P. Badman, $457.35; R. Baker, $9.00; R. M. Banham, $15.80; C. G. Barbour, $333.05; G. Bell, $751.02; K. F. Birchall, $325.37; T. Blake, $2.95; J. Boardman, $362.55; A. Bob, $4; A. Bones, $2; C. A. Booth, $6; J. Bourne, $428.35; R. W. Brown, $195.10; S. Boyd, $19.50; F. G. Brown, $230.70; J. N. Brown, $249.95; R. E. Cadwallader, $15; J. Callander, $39.45; A. Camille, $2; A. K. Cape, $190.85; H. H. Carney, $12.25; P. Carr, $564.40; A. Carter, $108.40; G. A. Carter, $619.52; A. Celeste, $10; J. W. Chadwick, $18.40; F. Clarkson, $216.13; S. Cline, $240.50; E. Cook, $15; J. G. Cook, $31.85; F. Cruikshank, $105.91; B. Denault, $8.20; W. H. Docksteader, $171.50; A.			
	Carried forward	$141,255 06	$ 14,263 41	$ 356,257 16

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF THE ATTORNEY-GENERAL—*Continued.*			
31.	PROVINCIAL POLICE—*Continued.*			
	Police Divisions—Continued.			
	Brought forward	$141,255 06	$ 14,263 41	$ 356,257 16
	Expenses—*Continued.*			
	Travelling Expenses and Transportation—*Continued.*			
	Dryden, $742.30; G. J. Duncan, $527.90; W. R. Dunwoody, $502.33; B. Eakin, $23.50; F. W. Eccles, $6; R. Eden, $18; F. Edens, $1,030.25; F. W. Emmott, $510.22; E. English, $2.30; C. F. Evans, $406; A. Fairbairn, $498.36; A. Falk, $5; A. E. Farey, $290.65; I. J. Ferris, $14.80; D. G. Fisher, $10.95; G. Fisher, $108; G. R. Fisher, $39.75; J. Fletcher, $3; T. M. Forknall, $76.25; J. A. Fraser, $531.30; F. J. Fryer, $53; E. Gammon, $307.72; A. Gibbons, $20; J. T. S. Gibson, $3; R. Gibson, $69.30; J. E. Gilbert, $268.60; M. Gorman, $155.30; E. C. Graham, $474.70; W. Greenwood, $104.35; G. M. Gunn, $301.20; W. H. Hadley, $257.35; W. J. Hall, $44.60; J. Hannay, $31.15; H. Harris, $8.90; H. V. Harris, $578.40; W. R. Henley, $199.25; T. Higginbottom, $9.75; E. A. Hill, $5.75; L. P. Howe, $42.60; G. H. Howieson, $388.20; H. Hughes, $311.70; H. D. Hughes, $269; E. Hunt, $10; J. M. Hutchings, $53.10; E. B. Irving, $325; P. S. Jack, $63; C. Johnson, $280.20; G. A. Johnson, $191.05; J. T. Johnston, $335.70; P. W. Jupp, $311.85; A. O. Kelly, $12.50; J. Kelly, $546.65; P. T. Kelly, $91.60; F. W. Kenmuir, $2.50; Mrs. P. Kennedy, $15; C. Kerr, $228.05; W. Kier, $406.14; W. H. Laird, $277.45; F. T. Larson, $8; I. LeCamp, $4; B. W. Leeson, $51.30; W. H. Lines, $342.35; G. Logan, $636; D. Long, $157.70; J. Macdonald, $375.35; H. D. Mainwaring, $24.60; H. H. Mansell, $14.15; S. Marshall, $122; C. H. Martin, $320.65; T. G. Mason, $161.27; J. Masson, $4.60; R. Matthews, $542.20; J. Mead, $329.92; L. Michell, $4; S. G. Miller, $2; R. F. Mills, $77.65; A. C. Minty, $151.05; J. Munro, $10; F. R. Murray, $47.45; A. D. I. Mustart, $132.60; F. McCormack, $22.05; D. McDonald, $127.73; D. A. McDonald, $93.15; D. D. McDonald, $101.20; R. McDonald, $445.70; A. McKay, $70.15; H. McLaren, $387.60; B. McLellan, $327.60; W. G. McMynn, $53.55; S. J. McNally, $89.35; A. McNeill, $103.85; M. McPhail, $204.24; J. Norgrove, $71.35; S. North, $19.25; R. K. Nottingham, $111.30; C. O'Connor, $54.45; F. F. O'Halloran, $171.30; P. O'Hara, $53.40; W. Owen, $1,070.69; J. Parnell, $2; T. W. S. Parsons, $426.83; R. W. Patton, $296.70; P. B. Paul, $4; A. M. Pearman, $368.55; E. Pearce, $30.30; S. Petele, $4; R. Pritchard, $289.90; M. Quaw, $168; E. E. Reed, $13.85; J. Renner, $100; S. G. Robinson, $305.55; J. N. Rogers, $119.35; R. Rushford, $361.10; J. Russell, $281.65; F. Saul, $32; S. S. Saunders, $71.15; J. P. Scarlett, $401.65; J. W. Sheil, $336.25; G. Shipman, $244.05; J. Simpson, $86.55; W. Simm, $1.50; T. Somerville, $84.05; — Spiller, $18; G. H. Sproule, $37.30; G. Stanfield, $750.45; A. T. Stephenson, $426.38; E. L. Stewart, $7.50; W. B. Stewart, $560.70; A. W. Stone, $440.65; A. Strang,			
	Carried forward	$141,255 06	$ 14,263 41	$ 356,257 16

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF THE ATTORNEY-GENERAL—*Continued.*			
31.	PROVINCIAL POLICE—*Continued.*			
	Police Divisions—Continued.			
	Brought forward	$141,255 06	$ 14,263 41	$ 356,257 16
	Expenses—*Continued.*			
	Travelling Expenses and Transportation—*Concluded.* $132.45; Mrs. M. A. Sturgeon, $69.15; R. J. Sutherland, $389.34; A. A. Sutton, $2.50; C. Tame, $203.50; G. A. Taunton, $73.85; H. Taylor, $280.40; S. Tomah, $43.50; C. Tucker, $16; E. A. Vachon, $313.65; F. Varney, $20; H. Vickers, $319.77; — Viner, $2; W. Voisey, $1.45; J. Walsh, $434.35; I. Willard, $2; J. A. Williams, $6; F. Wills, $76; H. J. Wilson, $18.35; H. A. Wing, $76.85; W. A. Wisley, $85.45; E. G. Wolf, $125; H. N. Wood, $331.35; J. A. Wood, $43; A. Yates, $64.40; A. D. Young, $183; B.C. Electric (car fares), $172.60; Ford Motor Co., $5,068.57; Vancouver Police Auto (gasolene for police autos), $302.11; Wood Motor Co., $723.05	42,694 76		
	Furniture and Fixtures: Albion Stove Works, Ltd., $21.95; S. Boyd, $2.50; C.P.R. Co., $4.43; J. Carpenter, 75c.; W. H. Cottrell, $5.35; Cowichan Merchants, Ltd., $7; Dominion Express, $16.03; Excelsior Lumber Co., $9.55; Field Trading Co., $1.85; Flathead Trading Co., $4.35; W. Fleming, 25c.; A. E. Forrest, $4.50; Revillon Freres Co., $2.35; Granby C.M.S. & P. Co., Ltd., $65; G.T.P. Rly. Co., 50c.; G. D. Harper, $7.95; F. Harwood, $4.49; Hope Trading Co., $9.30; Hudson's Bay Co., $5.10; Inland Express Co., $21.95; J. A. Johnson, $6.50; Kaien Hardware Co., $23.35; Macey Office Equipment Co., $516.15; T. Miller, $19.10; Morrison Thompson Co., $36.05; L. G. McDowall, $2.60; J. G. McMynn, 50c.; Northern Lumber Co., $17.60; Northern Transfer Co., $3.50; Oakalla Prison Farm, $23; Pacific Cartage Co., 50c.; P.G.E. Rly. Co., $14.86; Stewart Sheet Metal Works, $43.80; C. H. Tarbell & Son, $5.25; J. Thomson, $1; S. Tsuchiya, $3; J. Valley, $3; Wah Sun, $2; Weiler Bros., Ltd., $13.50; C. G. Barber, removal expenses, Mission City to Bella Coola, $78.50; W. Greenwood, removal expenses, Lillooet to Hope, $53	1,061 91		
	Uniforms, Clothing, and Equipment: J. M. Adams, $1.75; Angell Hardware Store, $2.25; J. Bird, $5; E. J. Bond, 50c.; Boyden Electric Co., $7.25; B.C. Canning Co., Ltd., $1.35; Broughton & McNeill, 45c.; F. G. Brown, $1.25; Canadian Express Co., 90c.; Carter Electric Co., 50c.; A. C. Christensen, $2.05; Chun Lee, $2; City Livery, $1.33; J. Collins, 70c.; Columbia Hardware Co., 50c.; A. V. Cottrell, $1.75; Cowichan Merchants, $6.55; Cranbrook Drug & Book Co., 75c.; Creston Auto & Supply Co., $2.40; R. Cunningham & Son, Ltd., $1.30; G. Dillabough, $7.50; Dominion Express Co., $1.30; F. J. Ellison, $2.35; Fernie Optical Parlors, $18.75; Field Drug Co., $3; M. J. Finlayson & Co., $1.50; J. A. Flett, Ltd., $5.75; Fort George Drug Co., $6.10; C. N. Fraser, 60c.; L. C. Fraser, $5.25; R. Fraser, $3.60; D. Galbraith, $1.85; J. Goodman, 50c.; Granby M.S. & P. Co., Ltd., $6.25; Granby Co.'s Steam Laundry, $3.50;			
	Carried forward	$185,011 73	$ 14,263 41	$ 356,257 16

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF THE ATTORNEY-GENERAL—*Continued.*			
31.	PROVINCIAL POLICE—*Continued.*			
	Police Divisions—Continued.			
	Brought forward	$185,011 73	$ 14,263 41	$ 356,257 16
	Expenses—*Continued.*			
	Uniforms, Clothing, and Equipment—*Concluded.*			
	A. Hing, $2; Hope Trading & Supply Co., $1.90; J. Horner, 50c.; Hudson's Bay Co., $2.60; A. Jackson, $3.50; T. Jenkins, $1.25; J. B. Kershaw, $26.30; Lawrence Hardware Co., 90c.; Leith Bros., $50.50; Leucy Dick (Indian), $1.30; R. Mackenzie, $1.75; Marlatt & Mackenzie, $20.50; Mong Gouey, $1; Muir Electric Co., $12.50; McBride Trading Co., 65c.; F. McCormack, $2; McCorkell Bros., $3; D. McDonald, $1; P. D. McDonald, $7.75; F. H. McDonald, 50c.; W. McEwan, $4.45; W. G. McKenzie, $4.25; McTavish & Spencer, 55c.; Nechako Drug Co., $4.75; J. Newick, $4.20; Northern Electric Co., $12.91; Northern Lumber Co., $3.15; Oakalla Prison Farm, $34.20; H. R. Olson, $2.90; P.G.E. Rly. Co., 40c.; E. R. Paine, $5; Pantorium Cleaners, $3.50; Parkin & Ward Elec. Co., $7.20; F. Parks & Co., $9.75; Peace River Saddlery Co., $1.05; J. D. Quail, $19.90; Revillon Freres Co., $4.20; E. B. Richardson, $2.70; A. Rogers & Co., $3; D. R. Rolston, Ltd., $3.30; Rush Transfer Co., $3.90; Sam Wah, $6; R. S. Sargent, Ltd., $1.40; F. J. Seager, $21.35; J. Shennan, $1.50; D. Spencer, Ltd., $2.30; Steam Laundry, $2; Stewart Sheet Metal Works, $1.80; Storey & Campbell, $4.25; Sturdy Hardware Co., $2.50; R. Sutherland, $1; C. H. Tarbell & Son, $5.10; Trites & Wood, Ltd., $4.90; Up-to-Date Drug Stores, 90c.; C. L. Wain, $2.65; W. A. E. Wall, $3; C. A. Warren, $7; C. J. White, 25c.; A. D. Whitmore, $2.75; G. B. Williams, $24; Workmen's Co-op Store, $1.50		481 14	
	Rents:			
	F. C. Benedict, $120; A. R. Bittancourt, $144; Britannia Stores, $120; C.P.R. Co., $3; Corp. of the City of Ladysmith, $60; Corbin Coal & Coke Co., $93; Crow's Nest Pass Coal Co., $33.15; T. Dames, $75; G. E. Darling, $6; Dolly Varden Mines, $75; H. Fraser, $144; J. Gonsalves, $15; Granby C.M.S. & P. Co., $180; F. C. Hasler, $240; A. Higgins, $144; A. Laverture, $120; I. Martinsen, $15; Monte Creek Trading Co., $72; F. McCormack, $12; J. B. McLaren, $32; A. Macneil, $40; E. E. Orchard, $180; Pacific Mills, Ltd., $102; Ross Saskatoon Lumber Co., $180; F. P. Schell, $20; F. Seward, $180; L. F. Tyson, $270; M. Wells, $9.75		2,684 90	
	Maintenance and Repairs of Buildings, Grounds, etc.:			
	Abbott & Abbott, $2.60; J. F. Abray, $1.90; T. Abriel, $3.50; J. M. Adams, $1.35; A. C. Anderson, $2.50; Angell Hardware Store, $1.40; Arco Company, $812.50; Ashcroft Water, Electric and Improvement Co., $4.20; T. E. Banks, $6; W. Bannister & Son, $4; T. E. Bate, $9.85; J. Beale, $89.50; E. J. Bond, $3.20; R. W. Bowen, $15; B. & K. Milling Co., Ltd., $66.90; A. M. Brown, $1.50; F. G. Brown, $4.85; B. Brynildson & Co., $28.15; A. K. Cape, $4; Cariboo Trading Co., 75c.; W. H. Cawley, $1.35; A. Chisholm, $9; Co-Opera-			
	Carried forward	$188,177 77	$ 14,263 41	$ 356,257 16

No. of Vote.	SERVICE.	Expended.

DEPARTMENT OF THE ATTORNEY-GENERAL—*Continued.*

31. Provincial Police—*Continued.*

Police Divisions—Continued.

Brought forward ..... $188,177 77 $ 14,263 41 $ 356,257 16

Expenses—*Continued.*

Maintenance and Repairs of Buildings, Grounds, etc. —*Continued.*

tive Society, 50c.; Corbin Coal & Coke Co., $3; Corporation of Penticton, $7.20; H. V. Cottrell, $3.75; Crowsnest Pass Coal Co., Ltd., $18; R. Cunningham & Son, Ltd., $12.70; V. T. Dawley, $2.10; M. DesBrisay & Co., $4; W. H. Docksteader, $51.50; S. A. Eby, 45c.; W. Ferguson, $1; Field Trading Co., $15.80; M. J. Finlayson & Co., $3; Flathead Trading Co., $21; Fort George Drug Co., $3.20; Fort Steele Trading Co., Ltd., $7.30; R. Fraser, $1.25; Fulton Hardware Co., $2.25; W. Gardner, $2; J. Garrett, $1.35; R. Gibson, $5; Goodman Supply Co., 55c.; E. C. Graham, $4.25; Graham Electric Co., $3; Granby C.M.S. & P. Co., Ltd., $6.25; Granby Stores, $3.55; Grand Forks Hardware Co., $3.40; W. Gratton, $2; W. G. D. Harper, $18.30; Harper & Cross, Ltd., $6.05; Haryett & Co., $2.40; N. Helm, $5; R. Hirtz, $3.50; L. P. Howe, 60c.; D. H. Hoy, $4; Hudson's Bay Co., $37.93; H. Ingham, $2; F. Inrig, $10; Interior News, $4.80; A. Johnson & Co., $2.50; S. Janes, $154.63; G. W. Jupp, $20.75; Kaien Hardware Co., $1.30; J. B. Kershaw, $14.75; Leith Bros., $3.25; A. H. Lewis, $42.25; J. P. Lewis, $1.50; Lim, $1; W. Lincoln, $5; W. H. Lucas, $210.35; E. B. Marvin & Co., $3; A. G. MacFarlane, $3.75; R. MacKenzie, $5.60; Mellor Bros., Ltd., $5.10; Melrose Co., Ltd., 30c.; A. Milligan, $1.75; E. Mills, $402; A. C. Minty, 75c.; E. A. Mitchell, $2.40; Morrison-Thompson Co., $6.75; Mouat Bros. & Co., Ltd., $2.35; C. Moulton, $2.50; W. Mundinger, $11.25; J. Munro, Ltd., $3.40; McArthur Co., $1; McBride Trading Co., $9.73; F. McCormack, 90c.; D. A. McDonald, $1.25; F. McDonald, $8; J. W. McDougal, $5; McIntosh & Baillie, $1; J. McLachlan, $3.75; J. G. McMynn, $3.15; J. McRae, $12; Natal Co-op Society, 50c.; Nechako Drug Co., $7.50; Nechako Trading Co., $1.75; Northern Lumber & Mercantile Co., $8.20; G. Nystrand, $5; R. J. Ogilvie, $31; Okanagan Plumbing and Heating Co., $7.35; Pacific Mills, Ltd., $3.40; Pacific Sheet Metal Works Ltd., $78; J. Parker, $12; H. G. Parson, Ltd., $1.50; R. W. Patten, $6.10; C. A. Phair, $4.10; Phoenix Bazaar, $23.65; Pouce Coupe Trading Co., $6.20; Prince George Citizen, $2.64; Quong Wing, $1.20; A. G. Rebagliati, $3; R. Reeves, $1.50; Reliable Transfer Co., $8; Revillon Freres Trading Co., $5; W. H. Romberg, $24.70; E. B. Richardson & Co., $4.20; R. P. Rithet & Co., Ltd., $6.75; D. R. Rolston, Ltd., $4.60; F. Roo, $3.60; Ross Saskatoon Lumber Co., Ltd., $1; H. Ross, $2.50; Ruddy & MacKay, $23.50; P. Santini, $1.90; R. S. Sargent, $5.40; F. J. Seager, $14.80; J. Seale, $35.25; J. F. Seward, $4; A. Sheret, $3.50; J. W. Sheil, $2.75; J. Silcox, $3.50; Silversides Bros., $10.30; S. M.

Carried forward ..... $188,177 77 $ 14,263 41 $ 356,257 16

No. of Vote.	SERVICE.	Expended.		
	DEPARTMENT OF THE ATTORNEY-GENERAL—*Continued.*			
31.	PROVINCIAL POLICE—*Continued.*			
	Police Divisions—Continued.			
	Brought forward	$188,177 77	$ 14,263 41	$ 356,257 16
	Expenses—*Continued.*			
	Maintenance and Repairs of Buildings, Grounds, etc.—*Concluded.*			
	Simpson, $1.50; A. Smith, $6; Soo Dip, $27; J. Sorensen, $10; S. A. Speers, $4.50; W. Starr, $3; Stephenson & Crum, $38; G. A. Stevens, $33.50; Stewart Sheet Metal Works, $3.35; C. H. Tarbell & Son, $5.50; Third Av. Garage, Prince Rupert, $43; Trites & Woods Co., $25; Up-to-Date Drug Stores, $1; W. A. E. Wall (McBride Trading Co.), $12.02; W. Walsh, $5; C. A. Warren, 35c.; G. B. Williams, $51.60; J. Williamson, $11; T. Wilson, $2; J. Wirth, $2.75; J. T. Wood, $3.80; Woodland & Quinn, $2.50; C. Wylie, $120; A. J. Wylds, $25; W. Young, $10; pay-lists, $78.25		3,207 35	
	Fuel, Light, Water, etc.:			
	Abbotsford Timber & Trading Co., $24; A B C Pack. Co., Ltd., $22.50; J. F. Abray, $3; T. Abriel, $95.50; Adams River Lbr. Co., $73.80; Angell Hdwe. Store, $1.85; P. Angrignon, $74; C. I. Archibald, $10; Ashcroft Water, Electric & Improvement Co., $105.70; Averill Bros., $22.50; H. J. Baker, $9.25; A. R. Bittancourt, $36; E. J. Bond, $6.65; R. P. Bradley, $27.50; J. Bridden, $6; Britannia Stores, $64; B.C. Electric Rly. Co., Ltd., $188.60; B.C. Packers Association, $55; J. Briton, $42.50; Broughton & McNeil, $9.15; F. G. Brown, $12.05; Buckerfield & Co., $110.76; J. B. Cadenhead, $4.10; E. Cahoon, $56.25; C.P.R. Co., $81.55; A. K. Cape, 50c.; Cariboo Trading Co., $29; C. L. Carless, $48.75; P. Carr, $7; R. Carson, $60; W. H. Cawley, $7.45; Chew Sing, $5; A. Chisholm, $2.40; A. C. Christensen, $2.25; City of Courtenay, $21.41; City of Enderby, $12.15; City of Kelowna, $35.31; City of New Westminster, $28.24; Corporation of Penticton, $25.52; City of Prince George, $82.42; J. Clement, $6; Coast Steamship Co., Ltd., $44; C. W. B. Cochrane, $1.90; T. W. Coleman Co., $2.25; Columbia River Lumber Co., $39.65; E. D. Comley, $24.80; T. Conn, $6.80; Co-operative Society, Natal, $2.50; Corbin Coal & Coke Co., $58.31; Corporation of the District of Saanich, $17.41; H. V. Cottrell, $3; W. Crawford, $12; Creston Farmers' Institute, $34.25; Creston Mercantile Co., $3.50; Crowsnest Pass Coal Co., $305.90; Cumberland Electric Light Co., Ltd., $14.80; Cumberland and Union Waterworks Co., Ltd., $15; R. Cunningham & Son, Ltd., $46.35; T. E. Cutler, $78.50; T. Dames, $13; Denver Light and Power Co., Ltd., $73.50; Denver Waterworks Co., $36; F. Desharme, $13; F. A. Dewar, $12; J. DeWetter, $40; M. C. Donaldson, $40.80; J. Draper, $15; S. A. Eby, $3.50; M. Edmonds, $15; G. Edwards, $18; Elko Water, Light & Power Co., $28.50; W. L. Farries, $60; Field Trading Co., $77.95; G. Fisher, $18; J. W. Fleet, $8; Fleming Coal Co., Ltd., $14; Dr. Fort, $70.15; Fort Steele Trading Co., Ltd., $21.50; Fort Steele Waterworks Co., Ltd., $72; J. A. Fraser Co., $12.75; R. Fraser,			
	Carried forward	$191,385 12	$ 14,263 41	$ 356,257 16

No. of Vote.	SERVICE.	Expended.

DEPARTMENT OF THE ATTORNEY-GENERAL—*Continued.*

31. PROVINCIAL POLICE—*Continued.*

Police Divisions—Continued.

Brought forward ..... $191,385 12 $ 14,263 41 $ 356,257 16

Expenses—*Continued.*

Fuel, Light, Water, etc.—*Continued.*

$4.75; A. A. Gibbens, $42; R. Gibson, $4.90; Goat Mountain Waterworks Co., Ltd., $21; Goodman Supply Co., $2.50; G. Goodrich, $30; J. Goodwill, $52.50; Granby C.M.S. & P. Co., $227.50; A. F. Green, $175; R. Grey, $2; G. O. Guise, $20; A. Gustafson, $100.50; A. W. Hambrook, $21; E. Hann, $19.95; H. Hanson, $10.50; C. Harrison, $8.15; T. F. Haskins, $3.75; W. Hang, $21.17; C. Hendrick, $12; T. Herlihy, $55; R. Hirtz, $4.50; W. A. Holland, $16; Hope Trading Co., $14.15; Hudson's Bay Co., $53.60; C. Huey, $4.50; Hurley & Sentini, $5; Ingham Bros., $42.50; D. J. Innis, $23.75; Dan John, $19.50; Jumbo (Indian), $6; R. V. Jupp, $17.15; P. Kelly, $8; W. Kennedy, $13.50; Keremeos Hardware Co., $2.25; J. B. Kershaw, $10.60; J. Lake & Co., $8.25; T. Lamont, $18; R. Lamont, $31.39; H. L. Latremouille, $13.50; H. L. Leedle, $39; C. F. LeRoy, $9; C. Lindow, $4.40; J. P. Lewis, $3.15; W. H. Lines, $5; H. London, $25; F. Lonsdale, $19; J. Louis, $4; Lowrie Lumber Co., $30; Lytton Water Supply Co., $3; R. MacKenzie & Co., $20.10; C. H. Martin, $2; J. Martin (estate), $3.75; T. G. Mason, $2.50; A. Maxwell, $8.50; J. Mayers, $126.25; Michel Water, Light & Power Co., Ltd., $18; E. Mills, $4.40; Mission Water, Light & Power Co., Ltd., $36; Model Grocery, $1.80; Monte Creek Trading Co., $8.10; N. P. Moran, 90c.; Mouat Bros. Co., Ltd., $22.65; Moyie Water Co., $30; A. Munro, $36; McBride Trading Co., $5.95; H. McCallum, $18; F. McCormack, $1.65; H. S. McCreath, $51.87; P. D. McDonald, $1; F. G. McDonald, $180; D. A. McDonald, $7.50; G. E. McFall, $77; A. G. McFarlane, $11; S. A. McFarlane, $15; McIntosh & Bailey, $11.25; W. McKay, $40; H. McLaren, 50c.; H. A. McLean, $20; J. G. McMynn, $31.50; D. McNaughton, $48; M. C. McPhail, $3.50; R. McQuillan, $66.50; Nakusp Trading Co., $20.20; Natal Co-Op Society, $2.50; E. B. Nault, $11.25; Nechaco Trading Co., $3.90; Nicklin-Disney Co., $54; Northern Lumber and Mercantile Co., Ltd., $1.30; R. J. Ogilvie, $12; Okanagan Saw Mills, Ltd., $43.93; O. Olson, $45; Pacific Mills Co., $80; E. R. Paine, $1.50; Parkin & Ward Elec. Co., $1.80; J. W. Paterson, $4.50; J. Pearson, $6; A. H. Perkins, $15; H. H. Peters, $35; Phoenix Elec. Lighting Co., $20.90; Port Essington Water Co., $12; Pouce Coupe Trading Co., $10.50; Powell River Co., Ltd., $33.70; Princeton Coal & Land Co., $24; Provincial Police, $100; Quathiaski Canning Co., $12.75; A. E. Raab, $63.25; A. G. Rebagliati, $6; Revellon Freres Trading Co., $5; E. B. Richardson & Co., $75.75; B. Robinson, $65; F. Roo, $15.75; R. Ross, $4.50; Ross Saskatoon Lumber Co., Ltd., $30; Saanich Waterworks Dept., $14.50; R. S. Sargent, $36.65; F. Seager, $29.15; F. Seward, $65; J. Shrewbridge, $16.50; Sicamous

Carried forward ..... $191,385 12 $ 14,263 41 $ 356,257 16

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF THE ATTORNEY-GENERAL—*Continued.*			
31.	PROVINCIAL POLICE—*Continued.*			
	Police Divisions—Continued.			
	Brought forward	$191,385 12	$ 14,263 41	$ 356,257 16
	Expenses—*Continued.*			
	Fuel, Light, Water, etc.—*Concluded.*			
	Hotel (C.P.R.), $34.65; Sidney Coal & Wood Co., $18; Silverton Water & Light Co., $3; C. V. Smith, $10; E. B. Smith, $23.30; R. A. Smith, $75.85; D. Starr, $3.50; Stewart Sheet Metal Works, 80c.; A. Stookie, $66; S. A. Speers, $1; T. Takahashi, $10; J. Taylor, $16; C. Thomas, $48; J. P. Thomas, $90; I. Thompson, $40; J. W. Thompson, $8.25; J. Tibou, $10; Trites & Woods Co., $21.70; L. F. Tyson, $18; Union S.S. Co., $108.20; H. Vickers, $3.60; W. A. E. Wall, $51.46; W. Walsh, $112.50; F. Weaver, $102.50; Western Power Co. of Canada, $18.75; E. Wheeler, $17.50; J. Wickman, $12; T. Wilson, $8.30; W. Wood, $69; C. S. Wood, $2.40; Workmen's Co-op, Natal, $2.25	7,073 50		
	Provisions:			
	G. H. Adam, $2; A. Anderson, 50c.; A. W. Atkins, $1.10; P. Badman, $16.80; T. E. Barry, $4.20; G. Bell, $8.50; W. Bews, $1.30; K. F. Birchall, $48; J. Bourne, $1.40; R. W. Bowen, $38.85; A. M. Brown, $2.45; P. Burns & Co., Ltd., $182.57; Canadian Police Military Corps, $1.50; L. D. Chafe, $5.40; Cariboo Trading Co., Ltd., $2.51; P. Carr, $13.50; G. A. Carter, $34.95; Dr. R. Chalmers, $5; Children's Aid Society, $8; City of Cranbrook, $51.10; Corporation of City of Fernie, $111.75; Corporation of City of Prince Rupert, $252.50; City of Revelstoke, $26.50; Coldstream Hotel, $43.30; F. Cruickshank, $6; A. P. Cummins, $4.75; R. Cunningham & Son, Ltd., $7.25; D. G. Dick, $6.50; W. H. Docksteader, $1.40; A. Dryden, $21.05; T. E. Elliott, $14; F. N. Emmott, $14; C. F. Evans, $15.75; A. E. Farey, $2.25; T. M. Forknall, $3; Fort George Drug Co., $10.85; J. E. Gilbert, 80c.; Grant Bros., $1.40; T. H. Grant, $2.10; W. Greenwood, $2.25; O. T. Hance, $61; J. Hannay, $1.50; A. Hardman, $2.10; H. V. Harris, $16.80; P. Higgins, M.D., $12.50; B.A. Hopkins, M.D., $5; C. Hughes, $1.40; H. Hughes, $7; J. M. Hurley, $10.80; E. Jupp, $6.60; P. T. Kelly, $31.50; City Park Restaurant, $15.60; Kelvin Café, $6.30; W. Kier, $4.75; Leonard's Café, $82.80; A. H. M. Lord, $4.50; E. Lynn, $8; E. J. Lyon, $3; R. Matthews, $20.25; R. F. Mills, $4; A. J. Moffatt, $21.75; J. Munro, $36; D. A. McDonald, $3.65; H. McLaren, $1.25; F. L. McLennan, $15; Z. S. McMillan, $24; M. C. McPhail, $20.10; C. Num, $26.25; Ocean Falls General Hospital, $13.50; E. B. Offin, $25.90; F. F. O'Halloran, $29.40; Ormes, Ltd., $1.50; Pacific Hotel, $4; R. W. Patten, $7.50; Peace River Drug Co., $4.55; A. M. Pearman, 75c.; C. Philpott, $16; F. M. Rivers, $32.90; T. M. Roberts, $12.25; J. Roxborough, $30; R. Rushford, $2.80; J. Russell, $1.40; E. A. Sam, $31.85; J. P. Scarlett, $3; R. S. Sargent, $5.75; S. S. Saunders, $2.10; Sealy & Doodson, 75c.; J. W. Sheil, $9.25; G. Shipman,			
	Carried forward	$198,458 62	$ 14,263 41	$ 356,257 16

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF THE ATTORNEY-GENERAL—*Continued.*			
31.	PROVINCIAL POLICE—*Continued.*			
	Police Divisions—Concluded.			
	Brought forward	$198,458 62	$ 14,263 41	$ 356,257 16
	Expenses—*Continued.*			
	Provisions—*Concluded.*			
	$6.75; C. V. Smith, $1; T. Somerville, $9.05; G. Stanfield, $28.90; Dr. R. G. Stephenson, $3; A. Strang, $10.50; N. E. Suddaby, $4.50; Summers & Wardle, $25.90; Sunrise Restaurant, $30.10; C. Tame, $4.20; H. Taylor, $10.25; Thomas Bros., $13.85; A. Tresierra, $45.50; E. A. Vachon, $1.50; J. Walsh, $18; C. A. Warren, $1.05; J. West, $3.15; G. B. Williams, $411.25; H. J. Wilson, 50c.; E. G. Wolf, $3.75; J. T. Wood, $8.20; H. N. Wood, $6.30; H. C. Wrinch, M.D., $5; A. Yates, $12.95; Yep Num, $2.80	2,333 53		
	Incidentals and Contingencies:			
	J. T. Abray, 25c.; Albion Motor Express, $5; J. Arthur, $5; W. Ashton, $3; Avenue Grocery, $3.65; Beaumont Grocery, $13.75; A. Birnie, $1.25; A. Bob, $5; C. Bowes, $1.72; Brown Bros. & Co., Ltd., $15; J. P. Cade, $3; Canadian Express, $4; C.P.R. Co., $1.40; Carr's Garage, 50c.; Chilcotin Trading Co., $1.50; City Livery and Express, $10.55; H. T. Cross, $4; Dominion Express Co., $29.10; W. F. Drysdale, $5; C. Edwards, $3; E. & N. Rly. Co., $2.50; Fernie Motor Car Co., $2; C. M. Finch, $52.50; G. Fisher, $14; Fort George Drug Co., $1.35; J. A. Fraser, 25c.; J. B. Hodgins, $1.22; D. Gash, $8.75; H. R. Gosse, 20c.; J. C. Gray, $1.50; G.N. Express Co., $9.60; J. H. Hamilton, $5; Hawkins & Hayward, $13.50; S. Hayashi, $1; L. G. Henderson, 40c.; G. B. Henderson, $7; H. P. Horan, 55c.; F. Hurndall, 45c.; C. W. Ingle, $10; Irving & Murphy, $5; Johnston Bros., $10; G. A. Johnson, 60c.; E. Kraft, $2; D. B. Lazier, $10; G. Liddle, 10c.; F. E. Litle, $5; E. J. Lyon, $3.50; L. Lyons, 25c.; G. H. Manchester, $6; Martin Co., Ltd., $8.25; W. H. Maynard, 55c.; Maywood Meat Market, $2.50; J. Milton, $1; F. R. Moore, $12; B. McCannell, 90c.; D. D. McDonald, $3; S. C. McEwen, $2; A. Nelson, $1.25; R. J. Ogilvie, $15; Pacific Cartage, Ltd., $1.25; T. W. S. Parsons, 45c.; S. Percival, $2; Ruddy & MacKay, $7; T. W. Rush, $2.75; R. Simonson, $2.25; J. Radford, $3; Royal Taxi Service, $3; Sampson Hardware Co., $1.55; J. Scales, $11; W. R. Shields, $2.50; C. H. Smith, 25c.; R. G. Stevenson, $2; St. George's Hospital, $2.50; Summerland Supply Co., $13.53; Sun Job Presses, $10; Thompson Hardware Co., $1.25; Tasaka, $3; E. Vant, $1; Vernon Hardware Co., $6.55; Times Pub. Co., $2.50; Waites & Knapton, 35c.; H. White, $2; E. W. Widdowson, $15; Wille Bros., $27.85; G. Wood, $2.50; E. Young, $22; pay-list *re* search for body of Percy Peters, $54.80	540 17		
		$201,332 32		
	By cash	53 12		
			201,279 20	
	Carried forward		$215,542 61	$ 356,257 16

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF THE ATTORNEY-GENERAL—*Continued.*			
31.	PROVINCIAL POLICE—*Concluded.*			
	Brought forward		$215,542 61	$ 356,257 16
	Special Warrant No. 9.			
	Gratuities to late members of Provincial Police: J. T. Black, $378; G. S. Blue, $95; J. E. Green, $256; J. Hannay, $95; J. M. Hutchings, $190; J. Simpson, $366; G. H. Sproule, $294; T. G. Wynn, $360		2,034 00	
	Total expenditure, Provincial Police			217,576 61
	COUNTY GAOLS.			
32.	KAMLOOPS GAOL.			
	Salaries ($4,246.98):			
	Warden ..... A. Noble		$ 1,500 00	
	Gaolers:			
	J. J. Horne ... $576 00	C. M. Parker. $ 486 40	1,062 40	
	Guards:			
	J. Dickinson ... 480 00	T. J. Jarvis .. 510 00		
	H. Harris 480 00	.....	1,470 00	
	Medical Officers:			
	J. S. Burris ... 83 33	H. H. Murphy 131 25	214 58	
			$ 4,246 98	
	Expenses ($2,789.23):			
	Office Supplies, etc.: B.C. Telephone Co., $24.50; C.P.R. Telegraph Co., $1.94; Dominion Express Co., $2.40; King's Printer, $36.25; postage, $12.50		77 59	
	Furniture and Fixtures: N. S. Dalgleish		8 00	
	Uniforms, Clothing, and Equipment: T. Corea, $15.75; Dominion Express Co., $1.25; Oakalla Prison Farm, $90; Summers & Frost, $45.95		152 95	
	Maintenance and Repairs of Buildings, Grounds, etc.: R. C. Blackbourn, $6.65; City of Kamloops, $40; N. S. Dalgleish, $108.31; Johnston & Co., $5.85; Kamloops Plumb. & Heat. Co., $2.10; MacBeth & Miller, $95; Marlatt & MacKenzie, $46; J. Milton, $57.20; Wilson Grocery Co., $159.51		520 62	
	Fuel, Light, Water, etc.: City of Kamloops, $294.70; N. S. Dalgleish, $1.17; H. Lund, $29.90; Northern Transfer Co., $945.57; Water Recorder, $4		1,275 34	
	Provisions, etc.: P. Burns & Co., $241.44; J. H. Clements, $29.19; V. D. Curry, $380.98; F. A. Kelly, $6; J. Milton, $19.23; Wilson Grocery Co., $186.38		863 22	
	Incidentals and Contingencies: City of Kamloops (sewer rental)		25 00	
			$ 7,169 70	
	By cash		133 49	
	Total expenditure, Kamloops Gaol			$ 7,036 21
33.	NELSON GAOL.			
	Salaries ($7,271.98):			
	Warden ..... W. R. Jarvis		$ 1,560 00	
	Gaoler ..... J. T. Hardy		1,260 00	
	Carried forward		$ 2,820 00	$ 7,036 21 $ 573,833 77

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF THE ATTORNEY-GENERAL—*Continued.*			
	COUNTY GAOLS—*Continued.*			
33.	NELSON GAOL—*Concluded.*			
	Brought forward	$ 2,820 00	$ 7,036 21	$ 573,833 77
	Salaries—*Concluded.*			
	Guards:			
	A. Cherry ....$ 560 00 A. A. Pitchford$1,212 00			
	C. V. Gagnon. 1,200 00 R. Reid $1,080 00	4,052 00		
	Medical Officer .....L. E. Borden	399 98		
		$ 7,271 98		
	Expenses ($2,397.90):			
	Office Supplies, etc.:			
	B.C. Telephone Co., $57.80; C.P.R. Telegraph, $3.63; Dominion Express Co., $3.70; King's Printer, $46.65; postage, $21	132 78		
	Travelling Expenses:			
	Nelson Transfer Co.	4 00		
	Furniture and Fixtures:			
	Wood-Vallance Hardware Co.	4 25		
	Uniforms, Clothing, and Equipment:			
	Hudson's Bay Co., $10.40; Meagher & Co., 90c.; Nelson Hardware Co., 30c.; Oakalla Prison Farm, $76.80; C. Romano, $4.35	92 75		
	Maintenance and Repairs of Buildings, Grounds, etc.:			
	J. T. Bealby, $6.40; B.C. Plumb. & Heating Co., $82; W. Calbeck, $2.25; City of Nelson, $3.87; H. L. Dawes, $2; Forest Mills of B.C., $4.20; Howe Electric Co., 75c.; J. A. Irving & Co., 30c.; Nelson Hardware Co., $29.42; Nelson Transfer Co., $20; Rutherford Drug Co., 75c.; M. Scally, $27.55; Wood-Vallance Hardware Co., $54.52	234 01		
	Fuel, Light, Water, etc.:			
	City of Nelson, $325.18; Howe Electric Co., $13.50; W. W. West, $300	638 68		
	Provisions, etc.:			
	R. M. Bird, $6; P. Burns & Co., $241.02; Choquette Bros., $467.35; Crescent Dairy, $10.30; G. H. Fraser, $10; G. N. Gilchrist, $7.80; R. B. Hay, $29.40; J. A. Irving & Co., $43.26; W. J. Mohr, $11.75; Nelson Hardware Co., $11.45; Poole Drug Co., $1; Rutherford Drug Co., $35.97; M. Scally, $267.14; A. G. Shaw, $6; West Transfer Co., $18.79	1,167 23		
	Incidentals and Contingencies:			
	Frank Darling & Co., $4.10; J. E. Kennedy, $20; M. G. H. Robertson, $15; J. Robertson, $5; C. H. Robinson, $20; Rutherford Drug Co., $2.75; M. A. Sturgeon, $57.35	124 20		
	Total expenditure, Nelson Gaol		9,669 88	
34.	OAKALLA PRISON FARM.			
	Salaries ($23,057.07):			
	Warden .....C. S. Campbell .....$	1,980 00		
	Instructor .....D. McGowan	1,260 00		
	Gaolers:			
	M. W. Bonsor.$1,080 00 J. C. Walmsley $1,020 00			
	J. Eldridge... 1,200 00	3,300 00		
	Guards:			
	J. Armstrong.. 1,020 00 W. J. Hall .. 184 00			
	J. Balfour ... 665 50 C. H. Henson 150 00			
	J. Barnes .... 517 50 G. R. Long .. 1,080 00			
	C. A. Bolt .... 1,080 00 J. Millman... 1,080 00			
	Carried forward .....$	6,540 00	$ 16,706 09	$ 573,833 77

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No. of Vote.	SERVICE.	Expended.		
	DEPARTMENT OF THE ATTORNEY-GENERAL—*Continued.*			
	COUNTY GAOLS—*Continued.*			
34.	OAKALLA PRISON FARM—*Continued.*			
	Brought forward	$ 6,540 00	$ 16,706 09	$ 573,833 77
	Salaries—*Concluded.*			
	Guards—*Concluded.*			
	W. H. Capps..$ 170 00 A. McKercher $1,080 00			
	W. Carter ... 699 50 J. A. McLean 416 77			
	J. J. Delahunty 1,080 00 B. Sands 59 35			
	L. G. Dunbrack 1,080 00 C. Thornton .. 382 26			
	A. Edwards .. 210 00 W. Walker .. 154 85			
	F. B. Emery.. 1,080 00 J. T. Warne.. 564 84	12,754 57		
	Engineer .....S. McKean	1,140 00		
	Matrons:			
	E. Read ..... 840 00 J. J. Farris $60 00	900 00		
	Assistant Matron .....A. Woodward	780 00		
	Medical Officer .....W. T. Hayes	720 00		
	Tailor .....L. Fothergill	222 50		
		$ 23,057 07		
	Expenses ($21,827.23):			
	Office Supplies, etc.:			
	B.C. Telephone Co., Ltd., $213.49; Burr Office Supplies, $1.80; Canada Law Book Co., Ltd., $6; C.P.R. Telegraph, 72c.; Clarke & Stuart, $1.45; Dominion Express Co., $5.02; King's Printer, $223.21; Northern Elec. Co., Ltd., $5.40; Office Specialty Mfg. Co., $40.70; postage, $100; United Typewriter Co., Ltd., $8.65	606 44		
	Travelling Expenses and Transportation:			
	J. Balfour, $2.50; C. S. Campbell, $79.45; W. Carter, $2.50; J. J. Delahunty, $12.55; I. A. Ferris, $6.55; D. McGowan, $6.90; E. Read, $8.60; B.C. Elec. Rly. Co. (car tickets), $26.50; upkeep of auto and truck, $647.35	792 90		
	Furniture and Fixtures:			
	Anderson & Lusby, $8.75; McClary Mfg. Co., $56.77; McLennan, McFeely & Co., Ltd., $8; Robertson-Godson Co., $16; G. E. Snider, 75c.; T. J. Trapp & Co., $14.50; Wood, Vallance & Leggat, $7	111 77		
	Uniforms, Clothing, and Equipment:			
	B.C. Barbers Supply Co., $9.90; C.P. Rly. Co., $7.20; Dominion Express Co., 40c.; Gault Bros., Ltd., $60.02; R. C. Gibbs, $5.50; Hudson's Bay Co., $96.56; Imperial Oil, Ltd., $1.03; J. Milligan, $1.25; McClary Mfg. Co., $16.96; Saanich Lock-up, $610.93; D. Spencer, Ltd., $191; Storey & Campbell, $484.57	1,485 32		
	Maintenance and Repairs of Buildings, Grounds, etc.:			
	Anderson & Lusby, $695.23; H. Bailie & Co., $11.80; H. Birks & Sons, $10.50; B. & K. Milling Co., Ltd., $96; British America Paint Co., $153.34; B.C. Brush Works, $60.36; B.C. Nurseries Co., Ltd., $4.25; Brown Bros., 35c.; Brunette Saw Mill Co., Ltd., $225; Canadian Explosives, Ltd., $4.54; Canadian General Elec. Co., Ltd., $64.67; C.P. Rly. Co., $30.50; Corporation of Burnaby, $2.50; G. Cradock & Co., Ltd., $22.50; G. Cunningham, $19.75; F. Darling & Co., $20.10; H. Darling, $391.90; Gilley Bros., Ltd., $310.20; Grain Growers B.C. Agency, Ltd., $50.50; H.M. Customs Dept., $3.20; Hudson's Bay Co., $305.55; Imperial Oil,			
	Carried forward	$ 26,053 50	$ 16,706 09	$ 573,833 77

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF THE ATTORNEY-GENERAL—*Continued.*			
	COUNTY GAOLS—*Concluded.*			
34.	OAKALLA PRISON FARM—*Concluded.*			
	Brought forward	$ 26,053 50	$ 16,706 09	$ 573,833 77
	Expenses—*Concluded.*			
	Maintenance and Repairs of Buildings, Grounds, etc.—*Concluded.* Ltd., $3.58; E. Lipsett, $7; McLennan, McFeely & Co., Ltd., $19.03; Northern Elec. Co., Ltd., $182.38; Pilkington Bros., Ltd., $5; J. Reid, $9.75; Reliable Transfer Co., $1; Robertson-Godson Co., $420.05; Ross & Howard Iron Works Co., Ltd., $50.58; H. Ryall, 60c.; J. Fyfe Smith Co., Ltd., $7.15; G. R. Speck, 50c.; T. J. Trapp & Co., $22.26; Trewhella Bros., $10.62; Vancouver Lumber Co., Ltd., $758.91; Westr. Iron Works, $13.59; Wood, Vallance & Leggat, Ltd., $10.38; C. Yovel, $3....	4,008 12		
	Fuel, Light, Water, etc.: B.C. Elec. Rly. Co., Ltd., $652.30; Can. Genl. Elec. Co., Ltd., $222.69; Corporation of Burnaby, $527.27; Gilley Bros., Ltd., $3,459.10	4,861 36		
	Provisions, etc.: Anderson & Lusby, $23.39; F. H. Barber, $7.50; B. & K. Milling Co., Ltd., $4,518.90; O. F. Carswell, M.D., $5; City Dairy & Produce Co., Ltd., $84.15; Cloverdale Dairy, $42.62; G. Cunningham, $65.50; D. S. Curtis & Co., $129.86; S. J. Davison, $3; Dom. Express Co., $1.50; D. A. Dunbar, $5; L. G. Dunbrack, $2; B. Emery, $3; Fleischmann Co., $168; Georgia Pharmacy, $2.50; Grain Growers B.C. Agency, Ltd., $678.95; W. H. Hicks, $15; Hudson's Bay Co., $2,292.71; A. J. Johnson, $1; M. Monk & Co., $22.33; H. McAllister, $44.25; S. T. Newman, $2.60; Oxford Dairy Co., Ltd., $298.35; W. H. Pickering, $5; M. W. Rutledge, $10; H. Ryall, $1; Storey & Campbell, $56.78; Swift Canadian Co., Ltd., $2,058.72; T. J. Trapp & Co., 60c.; United Grain-growers of B.C., Ltd., $560.85; Vancouver Milling & Grain Co., $35; Vancouver-Prince Rupert Meat Co., $801.10; W. Voisey, $2; W. Watson, $15	11,963 16		
	Incidentals and Contingencies: H. Birks & Sons, Ltd., $5; D. F. Carswell, M.D., $5; G. Cunningham, $6; Vancouver Daily Sun, $18	34 00		
		$ 46,920 14		
	By cash	2,035 84		
	Total expenditure, Oakalla Prison Farm		44,884 30	
	Total expenditure, County Gaols			61,590 39
	INDUSTRIAL SCHOOLS.			
35.	BOYS' SCHOOL.			
	Salaries ($9,952.60):			
	Superintendent ..... D. Donaldson	$ 1,395 00		
	Teacher ..... Mabel F. Pullen	1,083 00		
	Gardener and Farm Inst'r.. A. Mogee	845 00		
	Tailor ..... D. Stewart	1,435 00		
	Shoemaker ..... A. McLean	896 00		
	Carpenter and Band Inst'r.. S. B. Redburn	275 00		
	Fourth Assistant ..... T. Snodgrass	742 00		
	Carried forward	$ 6,671 00		$ 635,424 16

No. of Vote.	SERVICE.		Expended.
	DEPARTMENT OF THE ATTORNEY-GENERAL—*Continued.*		
	INDUSTRIAL SCHOOLS—*Continued.*		
	BOYS' SCHOOL—*Continued.*		
	Brought forward	$ 6,671 00	$ 635,424 16
	Salaries—*Continued.*		
	Fifth Assistants:		
	J. Cobb .....$ 4 00 J. R. Shannon ..$20 70		
	R. Hughes 654 50	679 20	
	Cook and Baker .....H. Duff	865 00	
	Matron and Housekeeper ..C. Donaldson	440 00	
	Night Officer and Watchman T. F. Calbick	770 00	
	Guards:		
	P. McAllister ..$158 00 A. McPherson..$119 87		
	W. McAteer ... 164 00 B. A. Walters.. 85 53	527 40	
		$ 9,952 60	
	Expenses ($21,258.59):		
	Office Supplies, etc.:		
	B.C. Telephone Co., Ltd., $102.48; C.P.R. Co. Telegraph, $16.29; Dominion Blue Print Co., 80c.; Dominion Express Co., 75c.; M. E. Ferris, $4.20; Fords Auto Delivery, $6.99; King's Printer, $144.42; postage, $100	375 93	
	Travelling Expenses and Transportation:		
	C. P. Ballantine, $1; B.C.E. Rly. Co., Ltd., $93.90; H. M. Burns, $1.55; C.P. Rly. Co., $28.30; F. Clarkson, $2.85; Corporation of City of Vancouver, $8; Emp. Hotel, Chilliwack, $2; J. Ignace, $3.25; A. Mogee, $1; J. Renner, $13.50; restaurant (Vancouver), $1; taxi-driver (Vancouver), $2.50..	158 85	
	Furniture and Fixtures:		
	Gault Bros., Ltd., $530; Hastings Furniture Co., $52; Lewis & Sills, Ltd., $4.50; Macey Office Equipment Co., $146; W. T. McArthur, $440.34; H. Taylor, $2.50; Western Elec. Co., Ltd., $1.41..	1,176 75	
	Clothing, Boots, etc.:		
	J. P. Cameron, $14.05; Electrical Maintenance Co., $8.70; Gault Bros., Ltd., $2,164.94; Hudson's Bay Co., $1.20; Oakalla Prison Farm, $210; Singer Sewing Machine Co., $1.80; David Spencer, Ltd., $20; Storey & Campbell, $1,054.67	3,475 36	
	Maintenance and Repairs of Buildings, Grounds, etc.:		
	Bogardus Wickens, Ltd., $60.48; B. & K. Milling Co., Ltd., $90; T. E. Clark, $22.50; Dixon & Murray, $61.85; Evans, Coleman & Evans, $14.60; Graham Electric Co., $89.38; J. Hanbury & Co., Ltd., 30c.; Hudson's Bay Co., $8.45; W. T. Lee, $1; Lewis & Sills, $16.20; A. G. Long, $8.10; Massey-Harris Co., Ltd., $22.80; H. G. Mellon, $8; W. T. McArthur & Co., $133.61; S. McKendrick, $32.05; A. H. Nisbett, $5.77; Oakalla Prison Farm, $189.87; Pacific Machine Shop, $573.33; C. C. Pilkey, $6; Ritchie Bros. & Co., $28.05; Robertson & Hackett, $6.50; D. Ross, $147.95; F. P. Rogers, $2,387.20; Storey & Campbell, $110; Vancouver Machinery Depot, Ltd., $10.95	4,034 94	
	Fuel, Light, Water, etc.:		
	B.C.E. Rly. Co., Ltd., $162.05; Corporation of Point Grey, $77.93; Kirk & Co., $529.14; Western Elec. Co., Ltd., $4.34	773 46	
	Provisions, etc.:		
	Barker Bread Co., $2.40; Bayview Meat Market, $3,294.21; B. & K. Milling Co., Ltd., $1,533.59;		
	Carried forward	$ 19,947 89	$ 635,424 16

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF THE ATTORNEY-GENERAL—*Continued.*			
	INDUSTRIAL SCHOOLS—*Continued.*			
35.	BOYS' SCHOOL—*Concluded.*			
	Brought forward		$ 19,947 89	$ 635,424 16
	Expenses—*Concluded.*			
	Provisions, etc.—*Concluded.*			
	P. Burns & Co., Ltd., $45; A. W. Campbell, $229.43; M. Darnall, $115; Hudson's Bay Co., Ltd., $2,861.06; B. W. Lean, $30; W. T. Lee, $2.50; Millar & Coe, $14.55; W. T. McArthur & Co., Ltd., $11.30; M. McDonald, $55; S. McKendrick, $3; McQueen Produce Co., Ltd., $80; F. X. McPhillips, $1,644; M. Newell, $1.20; Oakalla Prison Farm, $285.73; J. Sinker, $22; D. Spencer, Ltd., $311.20; Storey & Campbell, $7.27; Vancouver Daily Sun, 20c.		10,548 64	
	Incidentals and Contingencies:			
	Armstrong & Hotson, $90; A. R. Baker, $25; M. Darnall, $25; G. S. Forsyth, $9.25; D. Fripp, $20; F. Highman, $40; Independent Undertakers, $273.40; Montelius Piano House, $2.50; M. Milne, $75; W. T. McArthur & Co., Ltd., $13.90; Tisdalls, Ltd., $71.75; Townley & Ward, $10.30; Vancouver Daily Sun, $24.30; Vancouver Exhibition, $4.26; J. D. Walters, $30		714 66	
	Total expenditure, Boys' Industrial School			$ 31,211 19
36.	GIRLS' SCHOOL.			
	Salaries ($8,773.18):			
	Superintendent	M. W. Baynes	$ 1,380 00	
	Nurse and Matron:			
	A. Lane $ 34 00	A. Morrow $ 76 00	110 00	
	First Assistants:			
	L. Alexander 135 48	M. Mitchell 543 34		
	L. Jewell 172 59	I. McIntosh 78 33		
	M. B. Menzies 636 34	A. Wellington 227 41	1,793 49	
	Teachers:			
	E. M. Archibald. 92 00	A. G. Mill 628 00		
	A. Edgell 300 00		1,020 00	
	Needlewomen:			
	M. E. Cavanagh. 87 10	K. McPherson 33 33		
	A. Clemens 19 35	B. Sample 521 67	661 45	
	Cooks:			
	E. Cavanagh 24 20	A. Lott 49 53		
	G. Grant 514 51		588 24	
	Engineer	J. R. Clark	1,435 00	
	Gardener	F. W. Cameron	1,125 00	
	Laundry-woman	J. F. Ham	525 00	
	One month's salary in lieu of notice:			
	T. H. Collier 110 00	I. Collier 25 00	135 00	
	Expenses ($15,103.15):		$ 8,773 18	
	Office Supplies, etc.:			
	Alert Messenger Co., $1; American Express Co., $3.95; B.C. Tel. Co., Ltd., $101.60; J. R. Campbell, 75c.; C.P. Rly. Co. Tel., $42.13; Clarke & Stuart Co., Ltd., $57.02; Dominion Express Co., $3.45; G. S. Forsyth & Co., $81.45; H.M. Customs, 20c.; Ireland & Allen, $4; King's Printer, $146.22; W. R. McMurray, $1; N.W. Messenger Service Co., $4.50; postage, $45; Royal Typewriter Agency, $7; R. Seymour, $4.80; D. Spencer, Ltd., $4.70; Sprott-Shaw, $148.40		657 17	
	Carried forward ..z		$ 9,430.35	$ 31,211 19 $ 635,424 16

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF THE ATTORNEY-GENERAL—*Continued.*			
	INDUSTRIAL SCHOOLS—*Continued.*			
36.	GIRLS' SCHOOL—*Continued.*			
	Brought forward	$ 9,430 35	$ 31,211 19	$ 635,424 16
	Expenses—*Continued.*			
	Travelling Expenses, etc.:			
	M. W. Bayne	97 65		
	Furniture and Fixtures:			
	O. B. Allan, 25c.; B.C. Elec. Rly. Co., Ltd., $11.20; Cassidy's, Ltd., $1.60; Cornish & Cooper, $24.40; T. Davies, $5.25; Hastings Saw Mill Branch, $8.26; Hudson's Bay Co., $102.30; Lewis & Sills, Ltd., $98.16; Mason & Risch, Ltd., $9.70; Millar & Co., Ltd., $72.25; R. Morimoto Co., 25c.; McLeod, Dunn, Watson Co., Ltd., $6.50; Pacific Stove & Furnace Co., $26.91; J. T. Pyott, 35c.; Ralph, Morris & Ella, Ltd., $49.50; W. Reelie, $1.50; Restmore Mfg. Co., $29.10; Robertson & Hackett Sawmills, $2.79; J. Fyfe Smith Co., Ltd., $9.18; D. Spencer, Ltd., $571.87; Standard Furniture Co., $112; W. C. Stearman, 90c.	1,144 22		
	Clothing, Boots, etc.:			
	A. G. Bagley & Sons, Ltd., $1.25; R. Christenson, $17.15; A. S. Cox, $112; N. G. Cull, $16; Goodyear Shoe Co., $4.05; Gordon Drysdale Co., Ltd., $54.50; Hudson's Bay Co., $172.40; Lewis & Sills, Ltd., $3; Oakalla Prison Farm, $26.75; Singer Sewing Machine Co., $18.55; Smiths Button Works, $9.60; D. Spencer, Ltd., $1,190.89; F. W. Woolworth, $14.40	1,640 54		
	Maintenance and Repairs of Buildings, Grounds, etc.:			
	J. Brand & Co., $21; B.C. Elec. Co., Ltd., $24.45; Brown Bros., 40c.; J. R. Campbell, 75c.; Canadian Explosives, Ltd., $66.81; City Chimney Sweeping Co., $20; City of Vancouver Board of Works, $20; J. N. Cope, $68.95; Cornish & Cooper, $2.50; L. Cousins, $2.40; T. Davies, $20; Hastings Saw Mill Branch, $87.76; C. Hodgins, $108; Hopp Sign Co., $1.50; T. H. Jones, $12; Lewis & Sills, Ltd., $346.14; Main Transfer, $12; Massey-Harris Co., $7.75; W. T. McArthur & Co., $32.72; G. McWilliams, $37.50; McWilliam & Munro, $2,100; S. Nickerson, $39.95; Oakalla Prison Farm, $566.60; Pacific Stove & Furnace Co., $236.55; I. Randall, $2.40; Rankin & Cherrill, $5.40; C. Reid, $1.05; W. Rennie Co., $101.24; Ritchie Bros., $4.50; D. Spencer, Ltd., $8.02; Tick & Co., $5.15..	3,963 49		
	Fuel, Light, Water, etc.:			
	Alberta Wood Yard, $18; B.C. Elec. Rly. Co., Ltd., $216.80; Kirk & Co., Ltd., $1,063.48; MacDonald, Marpole Co., Ltd., $315.15; Rankin & Cherill, $14; Vancouver City Waterworks, $42; Western Elec. Co., Ltd., $84.17	1,753 60		
	Provisions, etc.:			
	E. H. Alky, 25c.; B. Anderson, $6; M. W. Bayne, $1.10; Beaver-Interurban Auto Transfer, $4; L. C. Bond, $105.60; B. & K. Milling Co., Ltd., $599.07; M. B. Campbell, $246.50; N. G. Cull, $28.50; East End Dairy, $238.85; J. C. Farish, $23; Fleischmann Co., $8.88; E. J. Foster, $5.50; T. Hamilton, $28; G. E. Heard, $10; Hudson's Bay Co., $1,801.90; Ice Delivery Co., $1.50; W. Jaynes, $264.73; M. Marsh, $29.75; A. D. Mathieson, $881.29; Morrison			
	Carried forward	$ 18,029 85	$ 31,211 19	$ 635,424 16

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF THE ATTORNEY-GENERAL—*Continued.*			
	INDUSTRIAL SCHOOLS—*Concluded.*			
36.	GIRLS' SCHOOL—*Concluded.*			
	Brought forward	$ 18,029 85	$ 31,211 19	$ 635,424 16
	Expenses—*Concluded.*			
	Provisions, etc.—*Concluded.*			
	Bros., 50c.; E. McIvor, $61.50; M. McLinton, $32.50; W. R. McMurray, 90c.; W. McRae, $27.50; Oakalla Prison Farm, $122.90; C. W. Prowd, $10; C. Reid, $33.75; Royal Transfer Co., $2.50; K. Ryan, $16; South Vancouver Milk Co., $195.79; D. Spencer, Ltd., $834.71; H. Stevens, $5.75; St. Paul's Hospital, Vancouver, $1.70; Vancouver General Hospital, $39; M. Worrall, $56	5,725 42		
	Incidentals and Contingencies:			
	W. F. Evans, $3.20; Hudson's Bay Co., 85c.; W. Jaynes, $27.80; Lewis & Sills, Ltd., $7.65; E. Lipsett, $8.60; Montelius Piano House, $2.10; Owl Drug Co., Ltd., 85c.; Parisian Costumers, $4; Rankin & Cherrill, $13.50; D. Spencer, Ltd., $12.80; B.C. Stevens Co., Ltd., $1.21; Tisdalls, Ltd., $1.80; Vancouver Daily Province, $7.65; Vancouver Daily Sun, $26.55; White & Bindon, $2.50	121 06		
	Total expenditure, Girls' Industrial School		23,876 33	
	Total expenditure, all Industrial Schools			55,087 52
37.	SUMMONING AND PAYING WITNESSES.			
	Ashcroft:			
	Rex *v.* Barbara *et al.*, $2.40; Rex *v.* Thomas Dick, $7.25		$ 9 65	
	Clinton:			
	Rex *v.* Adolph & Campbell, $13; Rex *v.* Dubois, $23; Rex. *v.* Grinder, $30; Rex *v.* Jamieson, $100.85		166 85	
	Cranbrook:			
	Rex *v.* W. Barrett, $24; Rex *v.* Costello, $14; Rex *v.* Peter Frank, $4		42 00	
	Cumberland:			
	Rex *v.* D. Campbell, $110.80; Rex *v.* F. Larson, $6; Rex *v.* Livingstone, $13		129 80	
	Duncan:			
	Rex *v.* A. Tiderington, $89.40; Rex *v.* F. Tiderington, $10		99 40	
	Fernie:			
	Rex *v.* Frank Allen, $2; Rex *v.* J. Boultier, $12; Rex *v.* J. Donaldson *et al.*, $10; Rex *v.* M. Melrick, $50.85; Rex *v.* L. Olson *et al.*, $3; Rex. *v.* G. G. Phillips, $49.60; Rex *v.* Rizzutto, $8; Rex *v.* J. Walsh, $227.70		363 15	
	Fort George:			
	Rex *v.* Emmelmen, $9; Rex *v.* Johnson, $2.25; Rex *v.* C. Nicholson, $8; Rex *v.* P. Opitz, $38.90; Rex *v.* Papas *et al.*, $59.20; Rex *v.* F. Ratkay, $1; Rex *v.* F. Scalling, $2		120 35	
	Golden:			
	Rex *v.* Gee Foy, $36.30; Rex *v.* Stahlhuth, $6.35		42 65	
	Grand Forks:			
	Rex *v.* Kettner		9 20	
	Greenwood:			
	Rex *v.* A. E. Benson, $21; Rex *v.* Kettner, $86.25		107 25	
	Hazelton:			
	Rex *v.* Wickner		2 25	
	Kamloops:			
	Rex *v.* Anderson, $93.30; Rex *v.* Bool, $62.25; Rex *v.* Clark, $68.80; Rex *v.* Dempsey, $33.20; Rex *v.* Dobson, $56.40; Rex *v.* Douglas, $24; Rex *v.* Eneas, $15; Rex *v.* Ignace, $4; Rex *v.* Jurrie,			
	Carried forward		$ 1,092 55	$ 690,511 68

No. of Vote.	SERVICE.	Expended.	
	DEPARTMENT OF THE ATTORNEY-GENERAL—*Continued.*		
37.	SUMMONING AND PAYING WITNESSES—*Continued.*		
	Brought forward	$ 1,092 55	$ 690,511 68
	Kamloops—*Concluded.*		
	$2; Rex *v.* Lewis *et al.*, $16; Rex *v.* May, $15.80; Rex *v.* M. Norton, $92; Rex *v.* Raffa *et al.*, $28; Rex *v.* Therion *et al.*, $49; Rex *v.* Wawn, $17; Rex *v.* Widmark, $20.70	597 45	
	Merritt:		
	Rex *v.* J. Frank, $30.60; Rex *v.* F. Talbot, $5.25	35 85	
	Nanaimo:		
	Rex *v.* D. Aitken, $11.15; Rex *v.* R. Bryce, $45.35; Rex *v.* Carlson, $74.50; Rex *v.* DevLal, $177.20; Rex *v.* Inonye, $127.50; Rex *v.* F. Larson, $93.85; Rex *v.* E. O. Livingstone, $127.45; Rex *v.* J. Naylor, $23.70; Rex *v.* J. Rogers, $30.95; Rex *v.* Shirakawa, $6	717 65	
	Nelson:		
	Rex *v.* S. Erickson, $89.45; Rex *v.* Isher Singh, $15.80; Rex *v.* B. Meers, $30; Rex *v.* Roberts, $85.15; Rex *v.* Schlag, $25.60; Rex *v.* W. Semenoff, $1.45; Rex *v.* G. Smith, $51.50; Rex *v.* Swanson, $31.50	330 45	
	New Westminster:		
	Rex *v.* Armstrong, $1.70; Rex *v.* Chung You, $26.80; Rex *v.* A. Crook, $17.74; Rex *v.* Crowhurst, $8.40; Rex *v.* DeGrace, $33; Rex *v.* Fong Soon *et al.*, $12; Rex *v.* Go Quai *et al.*, $12; Rex *v.* R. Graham, $17; Rex *v.* J. Kline, $100.70; Rex *v.* J. Lee, $1.65; Rex *v.* Lee Suey, $15; Rex *v.* Loo Wai Nam, $9.50; Rex *v.* Nicks, $152.70; Rex *v.* Poffenbarger, $9.50; Rex *v.* A. Point, $25.20; Rex *v.* J. Ross, $2; Rex *v.* Sir, $6; Rex *v.* C. Tapp *et al.*, $14; Rex *v.* E. R. Turner, $19.50; Rex *v.* R. Wetman, $40.65....	525 04	
	150-Mile House:		
	Rex *v.* T. Jeff *et al.*, $44; Rex *v.* Kirby, $120	164 00	
	Prince Rupert:		
	Rex *v.* Chuzewsky, $25.95; Rex *v.* Chow Hing *et al.*, $4; Rex *v.* Clifford, $4; Rex *v.* Harkley, $233.80; Rex *v.* Jackson, $20.20; Rex *v.* McInnes, $4; Rex *v.* McNeill, $92.50; Rex *v.* R. Reid, $16; Rex *v.* Williams, $12	412 45	
	Princeton:		
	Rex *v.* Irwin, $4; Rex *v.* Kasum, $10; Rex *v.* Oreskovich, $8; Rex *v.* Smith, $4	26 00	
	Quesnel:		
	Rex *v.* R. V. Henry *et al.*	4 00	
	Revelstoke:		
	Rex *v.* Murray *et al.*, $195.05; Rex *v.* T. Morgan, $8.15; Rex *v.* Staklhuth, $155.70	358 90	
	Vancouver:		
	Rex *v.* Armstrong, $310; Rex *v.* Barbara *et al.*, $122.50; Rex *v.* L. Baugard, $50; Rex *v.* Beregin, $29.60; Rex *v.* H. Blackburn, $82; Rex *v.* Blake, $95; Rex *v.* Blanck, $100.40; Rex *v.* Bolton *et al.*, $48.60; Rex *v.* E. Bonamy, $6; Rex *v.* Booth, $50; Rex *v.* T. Bracken, $8; Rex *v.* G. D. Burke *et al.*, $5; Rex *v.* J. Burns, $2; Rex *v.* A. Calvert, $22; Rex *v.* D. Campbell, $80.25; Rex *v.* L. Carter *et al.*, $6; Rex *v.* G. E. Cave, $6; Rex *v.* S. Chekaluk, $12; Rex *v.* J. Childs, $26; Rex *v.* J. A. Childs, $14; Rex *v.* Conanz *et al.*, $74.95; Rex *v.* P. Cortes, $10; Rex *v.* M. E. Cosco, $2; Rex *v.* Delip Singh, $16; Rex *v.* S. Destefne, $10; Rex *v.* Dillon, $30; Rex *v.* N. Dupolos, $212.86; Rex *v.* J. Ebanks, $38; Rex *v.* M. Errico, $181.70; Rex *v.* A. Erickson, $10; Rex *v.* Espesite, $90; Rex *v.* J. Fitzpatrick, $10.55; Rex *v.* J. Frank, $110.50; Rex *v.* Gillespie, $8; Rex *v.* Goefrey, $64; Rex *v.* Gossop, $24; Rex *v.* F. Gosby *et al.*, $9; Rex *v.* Gugar, $128; Rex *v.* A. Hall, $10; Rex *v.* H. Hardy, $2; Rex *v.* Harkins, $54; Rex *v.* Hin Yee, $10; Rex *v.* F. Hudson, $6; Rex *v.* J. R. Hull, $12; Rex *v.* J. W. Hunt, $161.10; Rex *v.* Huseby, $60; Rex *v.* W. Johnson, $26; Rex *v.* Konanz *et al.*, $665.62; Rex *v.* Landwehr, $19.75; Rex *v.* J. Lee, $45.50; Rex		
	Carried forward	$ 4,264 34	$ 690,511 68

No. of Vote.	SERVICE.	Expended.	
	DEPARTMENT OF THE ATTORNEY-GENERAL—*Continued.*		
37.	SUMMONING AND PAYING WITNESSES—*Concluded.*		
	Brought forward	$ 4,264 34	$ 690,511 68
	Vancouver—*Concluded.*		
	v. Low Chew, $29.20; Rex *v.* D. Marr, $10; Rex *v.* W. Martin, $24.20; Rex *v.* D. Meikle, $26; Rex *v.* S. Montgomery, $9.20; Rex *v.* P. McCabe, $34; Rex *v.* F. D. McInnes, $4; Rex *v.* Nelson, $52.60; Rex *v.* Nevison *et al.*, $54; Rex *v.* F. Pennebera, $10; Rex *v.* A. Plowman, $8; Rex *v.* P. Powell, $12; Rex *v.* Printice, $20; Rex *v.* C. Ray, $16; Rex *v.* Raymond, $16; Rex *v.* R. N. Roe, $82; Rex *v.* J. C. Ross, $20.75; Rex *v.* R. R. Ross, $6; Rex *v.* Roth, $361.65; Rex *v.* Roussel, $150.40; Rex *v.* Russell *et al.*, $6; Rex *v.* T. H. Russell, $6; Rex *v.* S. Ryrie, $52.80; Rex *v.* L. Sandford, $8.50; Rex *v.* A. G. Service, $6.40; Rex *v.* Shirakawa, $11.50; Rex *v.* Soo Sing, $8; Rex *v.* Spooner, $138; Rex *v.* Stahlhuth, $17.70; Rex *v.* W. Steers, $8; Rex *v.* C. Tessier, $19.25; Rex *v.* Tidmarch, $65.20; Rex *v.* Walker, $18; Rex *v.* J. Williams, $14; Rex *v.* A. Willis, $4; Rex *v.* J. B. Wilson, $5; Rex *v.* Wilson *et al.*, $226.20; Rex *v.* Wise, $30; Rex *v.* Wolfsen, $2; Rex *v.* Wong Choy *et al.*, $241; Rex *v.* E. Ulph, $6; Rex *v.* Yamagato *et al.*, $99	5,115 43	
	Vernon:		
	Rex *v.* W. Jackson, $7; Rex *v.* Lee Sing *et al.*, $131.25; Rex *v.* Lee, $12; Rex *v.* Portech, $3.20	153 45	
	Victoria:		
	Rex *v.* Abbott, $6; Rex *v.* C. Beale, $8.55; Rex *v.* Briggs, $3.50; Rex *v.* Campbell, $159.45; Rex *v.* Chew Joe Yung, $7; Rex *v.* Churton, $191.80; Rex *v.* DevLal, $2.90; Rex *v.* Edwards, $11.25; Rex *v.* Gilson, $118.90; Rex *v.* Glazen, $53.45; Rex *v.* Glenny, $16; Rex *v.* Harkley, $118.05; Rex *v.* Hoskins *et al.*, $39.90; Rex *v.* Lalonde, $8; Rex *v.* Larice, $8; Rex *v.* Mee, $22.40; Rex *v.* McCoy, $8; Rex *v.* McDonald, $10; Rex *v.* Scholefield *et al.*, $2; Rex *v.* Snowden, $25; Rex *v.* Wallace *et al.*, $2; Rex *v.* Wasley, $8	830 15	
	Sundry Expenses:		
	M. W. Bayne, $15.90; Grand Forks Garage, $15; L. A. Howson, $4; R. Matthews, $23.55; Northern Hotel, Fernie, $44; pay-list, $8	110 45	
	Total expenditure, Summoning and paying Witnesses.....		10,473 82
38.	GRAND AND PETIT JURORS (INCLUDING DRAWING PANELS, ETC.).		
	Fernie:		
	A. H. Watson, $5; W. H. Whimster, $5; pay-list, Grand Jurors, $138.50; pay-list, Petit Jurors, $283.90	$ 432 40	
	Grand Forks:		
	J. A. McCallum, $5; J. Willis, $5	10 00	
	Greenwood:		
	R. Billingsley, $4; W. L. Bonthron, $12; M. Burns, $24; Grand Forks Garage, $30; Matthews Bros., $6; A. Schmitter, $12; E. A. St. G. Smyth, $14; pay-list, Grand Jurors, $52; pay-list, Petit Jurors, $137.75	291 75	
	Kamloops:		
	J. J. Carment, $10; J. McCannell & Son, $7; J. T. Robinson, $5; D. W. Rowlands, $5; pay-list, Grand Jurors, $335; pay-list, Petit Jurors, $1,488.60	1,850 60	
	Nanaimo:		
	Newcastle Hotel, $20.50; W. F. Norris, $4; A. E. Planta, $5; E. Shakespeare, $10; Windsor Hotel, $36.40; pay-list, Grand Jurors, $156; pay-list, Petit Jurors, $483	714 90	
	Nelson:		
	J. H. Doyle, $26.35; W. H. Jones, $5; E. W. Widdowson, $5; pay-list, Grand Jurors, $58.45; pay-list, Petit Jurors, $209.85....	304 65	
	Carried forward	$ 3,604 30	$ 700,985 50

No. of Vote.	SERVICE.	Expended.	
	DEPARTMENT OF THE ATTORNEY-GENERAL—*Continued.*		
38.	GRAND AND PETIT JURORS (INCLUDING DRAWING PANELS, ETC.) —*Concluded.*		
	Brought forward	$ 3,604 30	$ 700,985 50
	New Westminster: E. Jones, $20; R. C. McDonald, $10; C. B. Sword, $10; pay-list, Grand Jurors, $231.55; pay-list, Petit Jurors, $705.30	976 85	
	Prince Rupert: Central Hotel, $39; W. E. Collison, $5; W. H. Vickers, $5; pay-list, Grand Jurors, $48; pay-list, Petit Jurors, $186.70	283 70	
	Revelstoke: T. Kilpatrick, $5; A. E. Kincaid, $5; P. Levesque, $6.50; S. G. Robbins, $10; pay-list, Grand Jurors, $161.50; pay-list, Petit Jurors, $339.25	527 25	
	Vancouver: A. B. Buckworth, $5; City Taxi Co., $6; E. J. Clarke, $5; A. E. Chamberlain, $5; Delmonico Café, $11.50; J. D. Hall, $2.70; Hudson's Bay Co., $12.42; London Grill, $14.20; J. C. Nolte, $7; pay-list, Grand Jurors, $1,652; pay-list, Petit Jurors, $3,915	5,635 82	
	Vernon: Captain Carew, $5; H. Heggie, $5; C. D. Simms, $25; pay-list, Grand Jurors, $116; pay-list, Petit Jurors, $589.05	740 05	
	Victoria: J. T. Deaville, $10; S. Jones, $10.75; T. Shotbolt, $10; pay-list, Grand Jurors, $152; pay-list, Petit Jurors, $423	605 75	
	Total expenditure, Grand and Petit Jurors		12,373 72
39.	PROSECUTIONS AND INTERPRETERS.		
	Anyox: M. Ivenyich	$ 6 00	
	Ashcroft: E. Cisco, $2; C. McKay, $2	4 00	
	Cranbrook: P. Andrew, $4; S. Gonzaga, $8; A. B. Macdonald, $375; W. A. Nisbet, $295; F. Provenzano, $8; L. Underwood, $4	694 00	
	Fernie: L. Carosella, $21; A. De Lucca, $3; C. Hubka, $3; A. MacNeill, $290; J. F. Rudnicki, $9	326 00	
	Fort George: J. Izowsky, $4; W. P. Ogilvie, $417.95; P. E. Wilson, $50	471 95	
	Golden: C. Dan	8 00	
	Hazelton: A. Luck, $2.50; J. A. Sampare, $5	7 50	
	Kamloops: J. R. Archibald, $525; G. Battistoni, $16; A. Bob, $4; P. McD. Kerr, $195.45; C. Lee, $45.45; J. De Leeuw, $12; A. Leonard, $20; W. Nelson, $35.60; S. Smith, $8; J. K. Vanderest, $4	865 50	
	Merritt: E. Hall	3 00	
	Nanaimo: A. H. Burton, $40.05; G. H. Cavin, $3; Leighton, Ross & Elder, $330; G. S. Sakay, $24.60; H. Valley, $10; L. Vuknakocvich, $5; H. Young, $3	415 65	
	Nelson: Donaghy & Donaghy, $354.60; J. Goodman, $14.90; P. Kennedy, $6; O'Shea & Farris, $120; P. C. Rawlings, $2	497 50	
	New Westminster: D. Bailey, $4; P. Bancroft, $4; R. A. Braden, $175; J. R. Grant, $566.75; J. Harry, $13.50; D. Lew, $4; G. E. Martin, $385; T. T. Takahashi, $5; T. T. Tom, $42	1,199 25	
	150-Mile House: Gilpin (Indian)	4 00	
	Carried forward	$ 4,502 35	$ 713,359 22

No. of Vote.	SERVICE.	Expended.	
	DEPARTMENT OF THE ATTORNEY-GENERAL—*Continued.*		
39.	PROSECUTIONS AND INTERPRETERS—*Concluded.*		
	Brought forward	$ 4,502 35	$ 713,359 22
	Prince Rupert: R. Brown, $2; W. E. Fisher, $460; W. O. Fulton, $30; M. T. Lee, $4; L. Loo, $2; L. Sing, $6; G. Syrotuck, $4	508 00	
	Quesnel: A. Hallis	4 00	
	Revelstoke: W. I. Briggs	231 75	
	Vancouver: Y. Akagawa, $4; S. August, $42.10; P. Bancroft, $12; A. H. Burton, $20; J. Carrelli, $36; M. Charlie, $4; J. Cook, $5; D. Donaghy, $15; Earle & Sutherland, $674.70; C. L. Fook, $140; A. I. Goodstone, $4; A. Gregory, $4; A. Henderson, $50; I. Hosang, $15; G. Kaburagi, $34; Mrs. McDonald, $4; G. L. McInnes, $9.65; W. W. B. McInnes, $950; Moore & Stewart, $50; W. Noles, $4; A. Paul, $8; E. Peterson, $12; J. Sabel, $8; P. Samson, $16; J. H. Senkler, $2,502.20; H. S. Wood, $3,190.61	7,814 26	
	Vernon: G. A. Carter, $2; I. Harris, $12; G. L. McInnes, $591.58; A. Narcisse, $7.70	613 28	
	Victoria: J. S. Brandon, $910; W. Clayton, $65.70; H. Hastings, $161.05; T. Kee, $2.50; Y. Wing, $7.50	1,146 75	
	Total expenditure, Prosecutions and Interpreters		14,820 39
40.	EXPENSES OF INQUESTS.		
	Alberni: L. A. Hanna, $226.95; C. T. Hilton, $23; E. Homewood, $35; E. Stewart, $7	$ 291 95	
	Alert Bay: W. M. Halliday, $200; B. Taylor, $5	205 00	
	Agassiz: L. A. Agassiz	9 55	
	Anyox: H. Andrew, $5.50; L. Broe, $30; E. H. T. Hyde, $20	55 50	
	Arrowhead: E. P. Henry	6 05	
	Ashcroft: R. Wightman	37 50	
	Atli Inlet: W. Reinhard	5 00	
	Atlin: J. F. Hogan, $4; Roxborough Bros., $12	16 00	
	Bella Bella: Bella Bella R.I. Hospital	4 00	
	Campbell River: W. F. Shaw	168 75	
	Castledale: W. Brown, $4; B. McDonald, $4; J. J. Sales, $4	12 00	
	Chase: W. Scatchard	10 00	
	Clinton: G. Millburn	19 50	
	Cottonwood: H. J. Gardner	10 00	
	Courtenay: J. N. Brown	24 50	
	Cranbrook: F. W. Green, $45; H. Harrison, $19.05; G. E. L. MacKinnon, $72	136 05	
	Creston: G. B. Henderson	20 00	
	Carried forward	$ 1,031 35	$ 728,179 61

No. of Vote.	SERVICE.	Expended.	
	DEPARTMENT OF THE ATTORNEY-GENERAL—*Continued.*		
40.	EXPENSES OF INQUESTS—*Continued.*		
	Brought forward	$ 1,031 35	$ 728,179 61
	Cumberland:		
	T. E. Banks, $30; G. K. MacNaughton, $27; R. Rushford, $3; J. Shaw, $576.90	636 90	
	Duncan:		
	Duncan Garage, Ltd.	17 50	
	Endako:		
	G. A. Carlson	3 50	
	Fernie:		
	B. Asselstine, $4; L. Carosella, $3; Fernie Cartage Co., $15; F. G. Perry, $94.30; J. F. Rudnicki, $6; J. Serek, $3; G. B. Thomson, $98	223 30	
	Fort Fraser:		
	J. S. Alexander	6 80	
	Fort George:		
	M. Gross, $5; W. Hunt, $5; D. B. Lazier, $100	110 00	
	Golden:		
	J. B. Lamontagne, $15; R. McKeeman, $4; C. Nicholson, $30.60; F. Stainsley, $5; R. G. Stevenson, $29	83 60	
	Greenwood:		
	W. Lakeland, $43; W. H. Wood, $65.50	108 50	
	Harpers Camp:		
	R. N. Campbell, $9.25; A. Meiss, $40; T. Peterson, $10.75; L. Walters, $9.25	69 25	
	Hazelton:		
	Beaton & Hoops, $2; S. H. Hoskins, $30.35; Ruddy & McKay, $4.50; J. A. Sampare, $2.50; H. C. Wrinch, $4	43 35	
	Hydah:		
	W. J. Leary	10 00	
	Kamloops:		
	F. V. Agnew, $30; M. G. Archibald, $50; A. Bob, $2; J. S. Burris, $5; F. Casimer, $2; A. Leonard, $4; J. Smillie, $2; B. Smith, $28.35	123 35	
	Kelowna:		
	E. Waddell	5 00	
	Ladysmith:		
	A. C. Frost	8 00	
	Lucerne:		
	S. Petersky	33 75	
	Lytton:		
	G. B. Baillie	16 05	
	Masset:		
	C. Harrison, $197.50; M. Yeomre, $15	212 50	
	Matsqui:		
	C. Kelleher	15 00	
	Merritt:		
	J. J. Gillis, $79; G. H. Tutill, $47.50	126 50	
	Michel:		
	W. Morris	8 00	
	Mission City:		
	J. A. Hargitt, $1.50; A. J. Stuart, $96.50; J. A. Tupper, $2.50	100 50	
	Nakusp:		
	E. H. S. McLean	5 00	
	Nanaimo:		
	B.C. Telephone Co., 60c.; Carr's Garage, $6.50; City Taxi Co., $6.50; Dominion Express Co., $99.50; W. F. Drysdale, $4; H. Hickling, $276.25; O. G. Ingram, $4; D. J. Jenkins, $36.75; E. Kelsey, $4.70; Leighton, Ross & Elder, $25; T. J. McPhee, $30; W. H. Philpott, $8; W. F. Robertson, $22.50; W. E. Wilks, $4	528 30	
	Natal:		
	A. C. Murray	128 50	
	Carried forward	$ 3,654 50	$ 728,179 61

No. of Vote.	SERVICE.	Expended.	
	DEPARTMENT OF THE ATTORNEY-GENERAL—*Continued.*		
40.	EXPENSES OF INQUESTS—*Continued.*		
	Brought forward	$ 3,654 50	$ 728,179 61
	New Denver:		
	W. E. Gomm	47 75	
	New Westminster:		
	D. F. Carswell, $4; E. H. McEwen, $40; G. J. McKay, $4	48 00	
	North Vancouver:		
	W. C. Green, $2; T. Verner, $10	12 00	
	100-Mile House:		
	W. Buse	7 00	
	150-Mile House:		
	T. J. Hodgson	14 00	
	Penticton:		
	H. McGregor, $10; P. B. White, $10	20 00	
	Phoenix:		
	L. Smith	4 00	
	Port Coquitlam:		
	G. A. Sutherland	12 30	
	Port Essington:		
	R. W. Large	5 00	
	Powell River:		
	A. Henderson, $55; C. R. Marlett, $4	59 00	
	Prince Rupert:		
	J. P. Cade, $3; W. T. Kergin, $4; J. H. McMullin, $26.30	33 30	
	Princeton:		
	W. S. Garrison, $6; D. McCaffrey, $48	54 00	
	Quathiaski Cove:		
	S. Marshall, $87; Quathiaski Canning Co., $50	137 00	
	Revelstoke:		
	P. J. Augustson, $6.90; J. E. Bland, $6.05; F. Brierley, $54.90; W. I. Briggs, $281.45; L. C. Ferguson, $4; J. H. Hamilton, $33; G. H. Howieson, $7.30; G. Millar, $6.90; E. Mills, $6.90; C. H. Mitchell, $6.05; R. Murphy, $6.90; D. A. McDonald, $4; A. McFadyen, $4; A. McGiven, $7.50; R. Osborne, $6.05; J. Smith, $6.90; W. Sung, $2; A. Sutherland, $6.90; R. Tremble, $4; T. T. Walker, $4; pay-list, $27.40	493 10	
	Rock Bay:		
	Columbia Coast Mission	4 00	
	Salmon Arm:		
	C. A. Arnott	32 00	
	Skidegate:		
	A. Beebe	5 00	
	Smithers:		
	J. P. McKie	4 00	
	Soda Creek:		
	S. E. Mostyn Hoops	38 50	
	Summerland:		
	F. W. Andrew, $20; Hotel Summerland, $2.50	22 50	
	Terrace:		
	L. L. Cairns	5 00	
	Trail:		
	J. E. Dunton, $5; J. Nay, $6.50; J. B. Thom, $30	41 50	
	Vancouver:		
	E. G. Cowper, $3.80; G. F. Curtis, $28.50; D. A. Dunbar, $4; M. Furnkawa, $8.10; T. W. Jeffs, $162; D. F. Saunders, $25.70; K. Ura, $8.10	240 20	
	Vanderhoof:		
	Nechako Drug Co., $2; W. R. Stone, $15	17 00	
	Victoria:		
	F. Allbutt, $349.45; Canadian Express Co., $1.80; W. B. Hall, $2; J. W. Lennox, $4; D. Sinclair, $15; F. T. Stanier, $120; W. P. Walker, $30	522 25	
	Carried forward	$ 5,532 90	$ 728,179 61

No. of Vote.	SERVICE.		Expended.
	DEPARTMENT OF THE ATTORNEY-GENERAL—*Continued.*		
40.	EXPENSES OF INQUESTS—*Concluded.*		
	Brought forward	$ 5,532 90	$ 728,179 61
	Wycliffe: S. G. Clark	3 35	
	Total expenditure, Inquests		5,536 25
41.	REWARDS.		
	C. O. Jackson, $250; F. T. Janssen, $250; A. Pare, $50	$ 550 00	
	Total expenditure, Rewards		550 00
42.	ALLOWANCES TO SHERIFFS (FIXED).		
	Cariboo ..... E. S. Peters	$ 750 00	
	Golden: H. Connell-Moore ..... $128 33 D. P. Kimpton $471 58	599 91	
	Grand Forks ..... H. C. Kerman	600 00	
	Kamloops ..... W. F. Wood	750 00	
	Nanaimo ..... C. J. Trawford	600 00	
	Nelson ..... J. H. Doyle	750 00	
	New Westminster ..... T. J. Armstrong	750 00	
	Prince Rupert ..... J. Shirley	600 00	
	Revelstoke ..... W. J. Law	600 00	
	Vancouver ..... J. D. Hall	187 50	
	Victoria ..... F. G. Richards	750 00	
	Total expenditure, Allowances to Sheriffs		6,937 41
43.	CONSTITUTIONAL LITIGATION AND GENERAL LAW COSTS.		
	F. Allbutt, $3; O. Bergklint, $32.70; B.C. Packers Association, $6.45; W. J. Claridge, $6; W. Clayton, $57.25; S. Cook, $5; Donaghy & Donaghy, $15; A. S. Black, $20; J. S. Brandon, $268; Ellis & Brown, $371.45; Fulton, Morley & Clark, $18.20; A. Henderson, $75; F. B. Hill, $11; C. Killam, $150; King's Printer, $6.50; E. Lafleur, $101.01; G. Lodel, $32.70; G. R. Long, $358; C. MacDonald, $30; G. L. MacInnes, $35.40; A. MacNeill, $226.60; F. A. McDiarmid, $4.500; M. F. Shores, $32.70; Tupper & Bull, $582.10; G. S. Wismer, $100; H. S. Wood, $441.48	$ 7,485 54	
	Total expenditure, Law Costs		7,485 54
44.	MOTOR-TRAFFIC REGULATION (PLATES, BADGES, ETC.).		
	Albion Motor Express Co., $3; Canadian Express Co., $1.15; C.P.R. Co., $7.35; Clarke & Stuart Co., Ltd., $9.15; J. Collins, $1.85; Dominion Express Co., $61.72; E. & N. Rly. Co., $1.42; W. Fleming, $4.50; G.N. Rly. Co., $1.05; Hafer Machine Co., Ltd., $468.50; J. Heaney, $3; Inland Express Co., $1.90; F. T. Larson, $1.73; Lindsay Cartage Co., $1.60; Pacific Cartage Co., $1.70; P.G.E. Rly. Co., $2.56; postage, $198; H. A. Nichols, 30c.; Reliable Transfer Co., $3.50; Slater & Tacey, $4,681.25; J. A. Tacey & Son, $7,350; United Motor Agency, $1.70; Westminster Motor Express, 75c.	$ 12,807 68	
	Total expenditure, Motor-traffic Regulation		12,807 68
45.	GAME PROTECTION.		
	Destruction of Wolves, Cougars, Coyotes, Owls, etc.; Salaries, Travelling Expenses, and Incidentals of Office ($35,435.94): Bounties ($5,554.50): Alberni Agency, $123; Ashcroft Agency, $299; Atlin Agency, $42; Clinton Agency, $281; Cranbrook Agency, $225; Cumber-		
	Carried forward		$ 761,496 49

No. of Vote.	SERVICE.	Expended.	
	DEPARTMENT OF THE ATTORNEY-GENERAL—*Continued.*		
45.	GAME PROTECTION—*Continued.*		
	Brought forward		$ 761,496 49
	Destruction of Wolves, Cougars, Coyotes. Owls, etc.; Salaries, Travelling Expenses, and Incidentals of Office—*Continued.*		
	Bounties—*Concluded.*		
	land Agency, $214; Duncan Agency, $329.50; Fairview Agency, $74; Fernie Agency, $21; Fort Fraser Agency, $134; Fort George Agency, $73; Fort St. John Agency, $228; Golden Agency, $142; Grand Forks Agency, $5; Greenwood Agency, $128.50; Hazelton Agency, $34; Kamloops Agency, $358.50; Kaslo Agency, $45; Nanaimo Agency, $75; Nelson Agency, $99; New Westminster Agency, $47; Nicola Agency, $50; 150-Mile House Agency, $399; Prince Rupert, Agency, $466; Princeton Agency, $2; Quesnel Agency, $107; Revelstoke Agency, $94; Rossland Agency, $29; Telegraph Creek Agency, $207; Vancouver Agency, $105; Vernon Agency, $279; Victoria Agency, $839	$ 5,554 50	
	Salaries ($13,315.13):		
	B. B. Betts, $386.13; M. Blackwood, $64; F. H. Butwell, $982.66; W. H. Cameron, $498; A. Carter, $275; C. McP. Clark, $855; E. Cook, $180; A. P. Cummins, $1,197.50; W. H. Dawson, $807.10; G. Elliott, $180; G. R. Fisher, $104.03; S. French, $141; R. Gidley, $1,155; J. W. Graham, $977.42; J. A. Hird, $675; R. E. Hose, $1,511.61; H. D. Hughes, $252; J. Irving, $165; S. W. Long, $606; A. McKay, $177; E. McWilliams, $25; E. V. Nevin, $287.50; M. K. Palmer, $104.57; H. C. Pyke, $886.66; M. E. Richards, $22.50; C. Rodgett, $159; W. Sim, $174; J. Street, $180; E. Unsworth, $180; H. Williams, $106.45	13,315 13	
	Travelling Expenses ($5,889.19):		
	R. R. Baker, $774.24; B. B. Betts, $47.56; F. H. Butwell, $820.20; J. Callander, $2.60; W. H. Cameron, $163.50; A. Carter, $49.50; G. M. Clark, $5.50; F. Clarkson, 65c.; J. G. Cook, $75.20; A. P. Cummins, $328.75; W. H. Dawson, $134.60; F. A. Dunn, $197.85; G. Elliott, $49.35; G. R. Fisher, $250.85; S. French, $6.85; R. Gidley, $742.27; J. W. Graham, $171.25; J. A. Hird, $119.10; J. A. Hope, $115.80; R. E. Hose, $345.33; J. Irving, $88.25; F. Kermode, $308.50; W. Letcher, $20.25; S. W. Long, $37.44; J. L. Mackay, $575.50; J. S. O'Neill, $39; H. C. Pyke, $256.35; C. Rodgett, $23.65; W. Sim, $34.35; J. Street, $53.65; E. Unsworth, $24.30; H. Williams, $27	5,889 19	
	Sundry Expenses ($7,790.14):		
	A & B Livery, $6; W. E. Adams, 50c.; Anderson & Lusby, $93.52; F. W. Arnold, $4.80; A. R. Baker, $39.90; B. & K. Milling Co., $209.14; B.A. Paint Co., 80c.; B.C. Electric Rly. Co., $5.17; B.C. Hop Co., $75; B.C. Telephone Co., $140.73; R. Bradley, $1.50; Brown Bros. & Co., $4; Brunette Saw Mill Co., $114.56; W. Burnum, $13.50; Campbell's C.F.S. & M. Co., $62.85; Can. Consolidated Rubber Co., $40.38; Can. Engine and Supply Co., $140; Can. Express Co., $1.85; C.P.R. Co., $54.76; Carr's Garage, $2.50; Chilliwack Tel. Co., $2.75; Colonist P. & P. Co., $7.20; Columbian Co., Ltd., $11.40; A. P. Cummins, $4.50; Dan Peter, $25; R. Davidson, $7.50; Denmark & Burton, 60c.; J. Dilworth, $1; Dixon & Murray, $7.45; Dominion Express Co., $58.87; Dominion Govt. Telegraphs, $1.41; Dominion Rubber Systems, $20.20; Eburne Gravel Co., $2.50; Evans, Coleman & Evans, $3.90; Field Trading Co., 90c.; J. P. Firlotte, $3.50; J. J. Flood, $20; Forest Branch, $218.90; W. S. Fraser & Co., $1.28; R. Fraser, $3.75; W. S. Garrison, $5; Gibbs Tool & Stpg. Works, $147.75; H. Gibson, $19; G.T.P. S.S. Co., $60.24; G.N.W. Tel. Co., $1.96; W. Greenwood, $2.25; W. H. Hadley, $11; Hargitt Motors, Ltd., $5; Harris & Smith,		
	Carried forward	$ 24,758 82	$ 761,496 49

No. of Vote.	SERVICE.		Expended.
	DEPARTMENT OF THE ATTORNEY-GENERAL—*Continued.*		
45.	GAME PROTECTION—*Concluded.*		
	Brought forward	$ 24,758 82	$ 761,496 49
	Destruction of Wolves, Cougars, Coyotes, Owls, etc.; Salaries, Travelling Expenses, and Incidentals of Office—*Concluded.*		
	Sundry Expenses—*Concluded.*		
	$2; J. Heaney, $53.02; Hickman Tye Hardware Co., $61.87; J. A. Hird, $67.50; H. J. Holman, $44.20; C. Holmes, $85.95; W. J. Holmes, $3.40; Hopper Hardware, $24.40; G. H. Howieson, $1.50; Imperial Oil, Ltd., $360.35; Ind. Van. & S. Co., $136; James Bay Garage, $63.77; Jeeves & Lamb, $8.49; D. Johnson, $2.50; W. Johnson, $40.25; E. Jones, $30.50; Kamloops Telegram, $3.12; King's Printer, $884.81; J. Lake & Co., $68.36; A. Langstaff & Co., $128.85; The Ledge, $3.36; Leigh & Sons, $105; Lemon, Gonnason & Co., $352.84; C. Lindow, $2; Macey Office Equipment Co., $1.90; R. Mackenzie, $2.50; Mainland Feed Store, $6.55; Marlatt & McKenzie, $11; T. G. Mason, 27c.; R. Matthews, 98c.; Mawson Bros., $2.90; F. Mellor, $2.50; Menzies Hardware Co., $13.55; Mouat Bros. & Co., $2.50; Muir Electric Co., 50c.; J. Munro, $65; McBride Trading Co., $2.10; J. G. McKay, $50; A. B. McKenzie, $13; McLellan, McFeely Co., $207.15; Nanaimo Free Press, $5.40; Nelson Daily News, $28.56; Oakalla Prison Farm, $26.50; Pacific Mills Co., $3.85; Pascoe & Co., $21; Penticton Herald, $2.50; J. Plumridge, $1; postage, Victoria, $253.96; Postmaster (Vancouver), $24; E. M. Prager, $10; Prince Rupert News, $5.40; E. G. Prior & Co., $324.97; Public Works Department, $100.87; Rawlinson & Glaholm, $7.20; Reliable Transfer Co., $99.98; J. Renner, $1.20; Revelstoke Review, $2; F. Richardson, $19.70; C. W. Robbins, $8; S. G. Rooke, $60; D. R. Rolston, Ltd., $101.36; Royal Oak Lumber Co., $187.50; Royal Transfer Co., $5.50; Rushton's Garage, $2; Sampson Hardware Co., $14.10; A. E. Scaife, $43.37; H. Seymour, $25; Seymour Auto Stand, $16; Simson, Balkwill Co., $94.69; M. W. Ludlow, $15; A. P. Slade & Co., $277.06; B. B. Smith, $94.82; Sommerville Hardware Co., $8.60; C. Spence, $15; D. Spencer, Ltd., $62; G. A. Stevens, $626.50; W. B. Stewart, $1.75; Sylvester Feed Co., $65.05; Taylor Electric Co., $2.60; Times P. & P. Co., $7.50; T. J. Trapp & Co., $7; J. A. Tupper, $22; United Typewriter Co., $8.75; Vancouver Daily Sun, $12.60; Vancouver Daily Province, $5.75; Vernon News P. & P. Co., $1.70; C. A. Warren, 75c.; Weiler Bros., $24.44; J. Welsh, 39c.; H. Whitaker, $3.60; H. G. Wilson, $66.14; H. A. Wing, 25c.; Woodward Dept. Stores, $9.80; Wood, Vallance & Leggat, Ltd., $164.11; labour *re* pheasant-pens, $208.66	7,790 14	
	Total expenditure, Game Protection		32,548 96
	Special Warrant No. 9.		
	Gratuities to late Members of Game Protection Branch and Library: J. Abramson, $75; M. J. Barry, $75; A. Beatty, $75; H. E. R. Bedford, $170; A. Bingley, $75; G. W. Blackmore, $170; S. S. Boyd, $75; A. S. Cochrane, $75; R. Dunn, $75; G. R. Fisher, $75; A. J. Hird, $75; J. Hitt, $75; O. Holst, $190; J. Hosie, $192; T. W. Hughes, $75; T. G. Morant, $75; H. D. Reed, $75; C. W. Stirling, $75; G. A. B. Terrell, $190; A. A. Ward, $170; H. F. Wearmouth, $75; F. C. Wildman, $75; A. B. Williams, $604.98	2,886 98	
	Total expenditure, Gratuities, Game Branch and Library		2,886 98
46.	"INFANTS ACT."		
	Children's Aid Society, Vancouver, $3,939.65; Catholic Children's Aid Society, Vancouver, $5,313.07; P. Badman, $32.45; T. J. McPhee, M.D., $5; C. J. South, $11.80	$ 9,301 97	
	Total expenditure, "Infants Act"		9,301 97
	Carried forward		$ 806,234 40

No. of Vote.	SERVICE.		Expended.
	DEPARTMENT OF THE ATTORNEY-GENERAL—*Continued.*		
	Brought forward		$ 806,234 40
47.	SPECIAL SURVEYS.		
	J. T. Laidlaw, B.C.L.S.	$ 650 00	
	Total expenditure, Special Surveys		650 00
48.	GRANT TO CANADIAN BAR ASSOCIATION.		
	Nil		.....
49.	STIPENDIARY MAGISTRATES.		
	Nelson ..... J. A. Forin	$ 500 00	
	New Westminster ..... J. S. Clute	250 00	
	Ocean Falls ..... W. J. Quinlan	300 00	
	Rivers Inlet ..... D. G. Dick	506 45	
	Vancouver ..... H. O. Alexander	500 00	
	Victoria ..... G. Jay	500 00	
	Total expenditure, Stipendiary Magistrates		2,556 45
50.	CRIMINAL IDENTIFICATION BUREAU.		
	R. E. Berry, Ltd., 25c.; Bogardus, Wickens Co., Ltd., 35c.; Commissioner of Police, Ottawa, $27.12; C. Colpetts, $1; A. W. Edge Co., 50c.; A. H. Maynard, $307.50	$ 336 72	
	Total expenditure, Criminal Identification Bureau		336 72
51.	INCIDENTALS AND CONTINGENCIES.		
	F. Allbutt, $344.30; A. Arden, $4; G. B. Baillie, $4.40; C. G. Baker, $30; M. Blackwood, $60; E. Blygh, $940.28; B.C. Electric Rly. Co., $18.51; B.C. Land & Investment Agency, $150; B.C. Telephone Co., Ltd., $148.44; M. S. Bryan, $544; J. Bulman, $7.65; F. Bunting, $49; Campbell's Art Gallery, $6; C.P.R. Tel. Co., $2; City of Prince Rupert, $23; City of Victoria, $724.15; E. G. Cowper, $15; A. Cummings, $11.50; D. G. Dick, $52.35; Dominion Express Co., $3.65; Dominion of Canada Gtee. & Acc. Insce. Co., $4; A. Ellis, $75; Employers Liability Assce. Corp., $8; J. A. Flett, Ltd., $4; P. Gardner, $255.50; H. J. Gardner, $25; J. Gilbert, $4.20; J. Green, $2.50; Griffith Co., $25.22; Hafer Machine Co., $103.50; C. Harrison, $34.60; Mrs. E. J. Headdy, $240; S. Herchmer, $50; R. Hewat, $14.15; W. R. Hill, $660; W. E. G. Johnson, $352.70; King's Printer, $980.03; A. A. King, $5; H. Langley, $108.30; Mrs. J. Leisk, $225; London Guarantee and Accident Co., $4; P. J. Mackay, $274.95; C. J. Mansfield, $112.50; F. Mellor, $23; C. J. Miller, $172.50; M. J. Money, $2.50; D. A. McDonald, $250; C. McGraw, $13; F. G. Perry, $227.25; J. Radford, $15; D. F. Saunders, $75; C. J. Skelton, $12; Mrs. M. R. Smith, $420; Mrs. A. Smith, $258; Mrs. M. S. Somerville, $270; J. F. Spalding, $2.01; A. Taylor, $7; Mrs. N. K. Taylor, $225; Mrs. B. C. Thwaites, $324; Trites-Wood Co., $5; C. W. Tyler, $219; M. Unwin, $120; Vancouver Sun Job Presses, $7; Waites & Knapton, $41.25; Weiler Bros., Ltd., $323.25; G. H. Welsby, $10; Mrs. I. M. Wilkinson, $270; H. T. Williams, $66; pay-list, death-watch *re* John Walsh, $594	$ 10,658 14	
	Total expenditure, Incidentals and Contingencies		10,658 14
51A.	SHERIFF'S OFFICE, VANCOUVER.		
	Salaries ($5,806.06):		
	Sheriff ..... C. Macdonald	$ 3,000 01	
	Deputy Sheriff ..... J. A. Bourque	1,335 00	
	Carried forward	$ 4,335 01	$ 820,435 71

No. of Vote.	SERVICE.		Expended.	
	DEPARTMENT OF THE ATTORNEY-GENERAL—*Concluded.*			
51A.	SHERIFF'S OFFICE, VANCOUVER—*Concluded.*			
	Brought forward	$ 4,335 01	$ 820,435 71	
	Salaries—*Concluded.*			
	Process Server ..... T. Cosford	787 50		
	Clerk and Stenographer ..... L. A. Brooking	640 00		
	Stenographer ..... M. Finlayson	43 55		
		$ 5,806 06		
	Expenses ($983.56): H. O. Alexander, 75c.; T. J. Armstrong, $43.50; J. A. Bourque, $50.55; B.C. Electric Rly. Co., Ltd., $145.60; B.C. Telephone Co., Ltd., $7.86; L. A. Brooking, 25c.; Campbell's Storage, $1; L. Carr, $37.20; Clarke & Stuart Co., $2.40; I. J. Coffin, $2.35; T. Cosford, $153.80; R. D. Cummings, $1; R. Dixon, $3.75; Dominion Express Co., $4.70; Ellis & Brown, $10.50; G. S. Forsyth, 35c.; G. S. A. Gaudry, $3.18; Henderson's Directory Co., $8; Ireland & Allan, $2.75; C. Kerr, $8; W. J. King, $3; King's Printer, $164.22; F. B. Lewis & Co., Ltd., $80; B. Lyman, $12.50; C. Macdonald, $3.15; Marine Express, $2.50; McLaughlin Carriage Co., $2; North Vancouver City Ferries, $2; Office Specialty Mfg. Co., $55; P.G.E. Rly. Co., 45c.; E. S. Peters, $8.25; E. Pope, $1.60; Port Moody Ferry Co., 60c.; Postage, $60; Registrar, County Court, Vancouver, $1; Remington Typewriter Co., $21.60; F. G. Richards, $8.50; G. W. Robertson, $4; L. Rogers, $5; J. Scott, $2; J. Shirley, $2; C. J. Trawford, $22.25; U. Typewriter Co., $7.90; A. G. Waddell, $15.80; G. A. Wey, $5; H. Whittaker, $1.25; J. B. Wood, $4.50	983 56		
	Total expenditure, Sheriff's Office, Vancouver		6,789 62	
	STATUTORY EXPENDITURE (SEC. 60, "WORKMEN'S COMPENSATION ACT").			
	Workmen's Compensation Board:			
	Chairman ..... E. S. H. Winn	$ 5,000 00		
	Commissioners: H. B. Gilmour .....$4,000 00 P. Williams $4,000 00	8,000 00		
			13,000 00	
	STATUTORY EXPENDITURE (CHAP. 92, SEC. 4, 1918, "UNIFORMITY OF LEGISLATION").			
	Dominion Express Co., $5; King's Printer, $273.05; A. V. Pineo, $463.27		741 32	
	STATUTORY EXPENDITURE (CHAP. 62, SEC. 5, 1918, "NELSON AND FORT SHEPPARD RAILWAY COMPANY").			
	Rossland Daily Miner		73 05	
	STATUTORY EXPENDITURE (CHAP. 9, 1918, "BENEVOLENT SOCIETIES").			
	E. Bloomfield, $26.25; Crehan, Mouat & Co., $138; Ellis & Brown, $23.25; Fulton, Morley & Clark, $22.25; Ladner & Cantelon, $23.25; Williams, Walsh & McKim, $19		252 00	
	SPECIAL WARRANT No. 33.			
	Workmen's Compensation Board, assessment on Class 13		25,000 00	
	Total expenditure, Department of the Attorney-General		$ 866,291 70	

No. of Vote.	SERVICE.	Expended.	
	DEPARTMENT OF EDUCATION.		
52.	**GENERAL OFFICE.**		
	Salaries ($12,909.15):		
	Superintendent of Education ..... A. Robinson	$ 4,000 00	
	Chief Inspector and Asst. to Supt. J. D. Gillis	3,000 00	
	Chief Clerk ..... G. Cruickshank	2,332 00	
	Clerk ..... G. E. Cruickshank	1,212 00	
	Junior Clerk ..... E. M. Monteith	720 00	
	Stenographers:		
	M. E. Eastman .....$660 00 L. G. Watson $960 00	1,620 00	
	Temporary Assistance ..... K. Greig	25 15	
	Expenses ($6,294.09):	$ 12,909 15	
	Office Supplies, etc.:		
	Allyn & Bacon, $4.68; W. Briggs, $1.34; B.C. Telephone, $99.75; C.P.R. Telegraph Co., $147.27; The Century Co., $1.71; Dominion Express Co., $3.50; Dominion Govt. Telegraphs, $18.06; G.N.W. Tel. Co., $38.78; D. C. Heath & Co., $1.18; Henderson Directory Co., $7; King's Printer, $4,529.66; O. J. B. Lane & Son, $2.50; Macmillan Co., Ltd., $2.57; W. Monteith & Co., $20; T. Nelson & Sons, Ltd., $7.58; Oxford University Press, $1.30; postage, $759.28; Princeton University Press, $5.76; B. H. Sanborn & Co., $10.74; United Typewriter Co., $6.60; University of Chicago Press, $3.14; Victoria Book & Stationery, $5.50	5,677 90	
	Travelling Expenses:		
	J. D. Gillis, $29.75; Hon. J. D. MacLean, $100.25; A. Robinson, $486.19	616 19	
	Total expenditure, General Office		19,203 24
53.	**FREE TEXT-BOOK BRANCH.**		
	Salaries ($5,467.85):		
	Officer in Charge ..... D. Wilson	$ 2,760 00	
	Clerks:		
	E. Knapton .....$503 75 A. P. Zala .....$ 12 50		
	C. Robinson 286 25	802 50	
	Stenographers:		
	D. A. Bryant ..... 840 00 W. M. Flinton 660 00	1,500 00	
	Temporary assistance:		
	R. F. Bainbridge .... 17 50 G. Richards 83 75		
	A. Boyd ..... 37 50 G. H. Streeter 60 00		
	A. E. Davey ..... 62 50 C. Wallis 28 75		
	G. F. Forbes ..... 21 60 H. Watson 21 25		
	A. Greig 72 50	405 35	
	Expenses ($59,297.04):	$ 5,467 85	
	Office Supplies, etc.:		
	B.C. Telephone Co., $80.20; Canadian Express Co., $13.30; C.P.R. Co., $22.45; Dominion Express Co., $65.60; King's Printer, $1,266.54; National Drug Co., $8.50; W. Monteith & Co., $6; McTavish Bros., $1; T. Nelson & Sons, Ltd., $157.76; postage, $731.26; Public Works Dept., $6; Reliable Transfer Co., $18.25; D. Wilson, $2.81	2,379 67	
	Text-books, Maps, Globes, etc.:		
	Canadian Express Co., $116.49; C.N.R. Co., $454.07; C.P.R. Co., $723.71; The Copp, Clark Co., $4,966.14; Dominion Express Co., $808.56; Educational Book Co., $25,217.75; E. & N. Rly. Co., $2,557.32; W. J. Gage & Co., $11,498.30; M. Lawson, $75; Lemon, Gonnason Co., Ltd., $87.75; Macmillan Co. (Canada), $5,849.14; McTavish Bros., $12.49; E. B. Marvin & Co., $1,937.50; T. Nelson & Sons, $2,141.67; A. Nicol, $1.80; G. Powell & Sons, $34.56; Reliable Transfer Co., $235.48; Vancouver Sun, $22.80; Victoria Book & Stationery Co., $39.06; Victoria Terminal Rly. Co., $36.03; Victoria Times, $24.80; D. Wilson, $76.95	56,917 37	
	Total expenditure, Free Text-book Branch		64,764 89
	Carried forward		$ 83,968 13

No. of Vote.	SERVICE.	Expended.

DEPARTMENT OF EDUCATION—*Continued.*

Brought forward ..... $ 83,968 13

54. AGRICULTURAL EDUCATION.

Salaries ($15,332.80):

Director of Agricultural Education J. W. Gibson ..... $ 3,240 00

District Supervisors:

W. J. Austin	$1,860 00	S. H. Hopkins	$1,860 00	
J. E. Britton	1,900 00	J. C. Readey	2,000 00	
H. E. Hallwright ...	1,860 00	E. L. Small	1,900 00	11,380 00

Clerks and Stenographers:

E. C. Appleby	130 00	F. C. Poole	325 00	
L. C. Foggo	120 70	E. M. Simpson	137 10	712 80

Expenses ($10,581.28): $ 15,332 80

Office Supplies, etc.:

American Forestry Association, $6 "Better Fruit" Pub. Co., $1.50; British Columbia Farmer, $1; B.C. Tel. Co., Ltd., $6.04; C.P.R. Tel. Co., $8.68; Central Scientific Co., $50.27; Dominion Express Co., $16.43; Electric B.P. & Map Co., $19.78; H. Fleming, $28.99; G.N.W. Tel. Co., $5.67; King's Printer, $264.80; McLean Pub. Co., $4; O.A.C. Review, $1; postage, $87.30; Public Works Dept., 50c.; J. Savannah, $1.50; H. Stocks & Co., $1.50; Victoria Book & Stationery, $29.25; H. W. Wilson Co., $3 ..... 537 21

Travelling Expenses:

W. J. Austin, $57.40; J. E. Britton, $55.20; H. Charlesworth, $9; J. W. Gibson, $533.30; H. E. Hallwright, $20.05; S. H. Hopkins, $10.95; J. C. Readey, $29.55; J. Renton, $3.65; E. L. Small, $18.75 ..... 737 85

Grants in Aid of Agricultural Education:

Aldergrove School, $16; Alexandria School, $22.35; Armstrong School, $36; Arrowhead School, $10; Atchelitz School, $20; Barnet School, $20; Bench School, $53.37; Bennett School, $10; Big Bar Mountain School, $11.50; Big Eddy School, $12; Blue Mountain School, $30; Box Lake School, $10; Bridgeport School, $60; Brisco School, $43; Burnaby (sundry schools), $331.47; Camp Slough School, $16; Canoe Pass School, $14.75; Cedar Hill School, $30; Chase School, $16; Cheam School, $10; Chilliwack (sundry schools), $548; Clayton School, $12; Cloverdale School, $108.18; Cobble Hill School, $45.84; Comox Bay School, $39; Comox School, $36; Cortes Island School, $44; Cowichan School, $54.40; Craigflower School, $12; Cranbrook School, $46; Creston School, $21; Delta School, $9.20; Dragon Lake School, $8.80; Duncan School, $140.63; East Chilliwack School, $20; East Coquitlam School, $10.75; East Delta School, $6; Eburne School, $52.45; Ellis School, $143.71; Enderby School, $160; Erie School, $31.60; Esquimalt School, $226.19; Fairfield Island School, $10; Fort George School, $18; Fort Langley, School, $30; Galiano School, $20; Gill School, $12; Gillis Bay School, $5.20; Glenemma School, $6; Gordon Head School, $12; Grand Forks School, $97; Hatzic School, $20; Hullcar School, $6; Hupel School, $34.75; Huscroft School, $15.85; Inverholme School, $19.55; Ioco School, $24; Johnston Road School, $10; Kaleden School, $10; Keating School, $32; Kelowna School, $343.43; Kensington and Hall's Prairie School, $20; Kerrisdale School, $56; Kingsway, East, School, $10; Kingsway, West, School, $56.88; Kitsumgallum School, $13.25; Knob Hill School, $6; Koksilah School, $22.45; Ladner School, $31.75; Langley (sundry schools), $244.15; Larkin School, $10; Lazo School, $28.50; Lotbiniere School, $20; Lulu School, $30; MacKenzie (South Vancouver) School, $16; MacKenzie (Saanich) School, $50; Marpole School, $30; Masset School, $62; Matsqui School, $30.75; Merritt School, $83; Milner School, $30; Mission School, $74.70; Mitchell School, $6; Monterey School, $68;

Carried forward ..... $ 16,607 86 $ 83,968 13

No. of Vote.	SERVICE.		Expended.
	DEPARTMENT OF EDUCATION—*Continued.*		
54.	AGRICULTURAL EDUCATION—*Concluded.*		
	Brought forward	$ 16,607 86	$ 83,968 13
	Expenses—*Concluded.*		
	Grants in Aid of Agricultural Education—*Concluded.*		
	Mud Bay School, $10; Murrayville School, $55; Nakusp School, $54; Naramata School, $125; Newton School, $6; Nelson School, $50; New Michel School, $66.50; New Westminster School, $964.68; Nob Hill School, $6; North Dairy School, $20; North Cowichan (sundry schools), $131.45; North Enderby School, $24.50; North Shuswap School, $21; North Vancouver School, $38.63; North Vesuvius School, $30.10; Notch Hill School, $6; Oaklands School, $70; Okanagan Centre School, $20; Otter School, $10; Otter Lake School, $10; Parksville School, $29.13; Patricia School, $6; Pleasant Valley School, $10; Poplar Grove School, $15; Port Coquitlam School, $50; Powell River School, $63; Prospect Lake School, $10; Quesnel School, $18.35; Revelstoke School, $36.40; Richmond (sundry schools), $36.35; Ridgdale School, $30.35; Riverway, East, School, $10; Roberts Creek School, $12; Rosedale School, $12; Round Top School, $13.50; Royal Oak School, $16; Rutland School, $86; Saanich (sundry schools), $629.22; Salmon Valley School, $4.05; Sardis and Atchelitz School, $38; Selkirk School, $147.84; Somenos School, $6; Sexsmith School, $12; South Vancouver (sundry schools), $265.14; South Wellington School, $97.21; Sorrento School, $6; Spallumcheen School, $14.95; Springdale School, $6 Springbrook School, $10; Steveston School, $56; Strawberry Hill School, $12; Strawberry Vale School, $16; Sumas School, $10; Summerland School, $6; Surrey (sundry schools), $369.20; Telegraph Creek School, $30; Tolmie School, $56; Tynehead School, $10; Valdes Island School, $12; Vancouver School, $379.39; Vernon School, $93; Victoria School, $308.54; Westholme School, $10; West Langley School, $10; West Saanich School, $20; White Rock School, $16; Whonnock School, $60; Willows School, $120; Willow River School, $19.03; Woods Lake School, $10	9,306 22	
		$ 25,914 08	
	Less special grant from Dominion Government	16,484 08	
	Total expenditure, Agricultural Education		9,430 00
55.	INDUSTRIAL EDUCATION.		
	Salaries ($2,940):		
	Organizer of Industrial and Technical Education .....J. Kyle	$ 2,940 00	
	Expenses ($10,184.54):		
	Office Supplies, etc.: B.C. Telephone Co., Ltd., 70c.; C.P.R. Telegraph Co., $11.95; Dominion Express Co., $4.33; G. S. Forsyth & Co., $3.20; G.N.W. Tel. Co., $10.95; King's Printer, $146.80; Lands Dept., $15; postage, $50.69; Public Works Dept., $7; Renouf Pub. Co., $1.25; Victoria Book & Stationery, $50.45; J. Wood, $5 ..	307 32	
	Travelling Expenses ($1,039.61): J. Kyle	1,039 61	
	Night-schools ($7,862.85): Chilliwack, $373.95; Cumberland, $173.60; Deadwood, $40.80; Denman Island, $34; Fernie, $280.60; Nanaimo, $556; Nelson, $221.20; New Westminster, $328.30; North Vancouver, $927.70; South Vancouver, $1,452.40; Union Bay, $62.40; Vancouver, $2,360.90; Victoria, $1,051	7,862 85	
	Carried forward	$ 12,149 78	$ 93,398 13

No. of Vote.	SERVICE.	Expended.	
	DEPARTMENT OF EDUCATION—*Continued.*		
55.	INDUSTRIAL EDUCATION—*Concluded.*		
	Brought forward	$ 12,149 78	$ 93,398 13
	Expenses—*Concluded.*		
	Grants in Aid of Industrial Education ($974.76): Cumberland, $24; Enderby, $60.70; North Vancouver, $500; South Vancouver, $250.70; Union Bay, $20.60; Vancouver, $80.28; sundry supplies, $38.48	974 76	
	Total expenditure, Industrial Education		13,124 54
56.	INSPECTION OF SCHOOLS.		
	Salaries ($28,010):		
	Inspector of High Schools ..... J. B. DeLong	$ 2,520 00	
	Inspectors of Schools:		
	A. Anstey ..... $2,280 00 — H. H. Mackenzie .. $2,400 00		
	L. J. Bruce ..... 2,280 00 — J. Martin 2,280 00		
	F. G. Calvert ..... 2,100 00 — A. F. Matthews ... 1,050 00		
	A. J. Dove ..... 1,080 00 — W. H. M. May 2,440 00		
	G. H. Gower ..... 2,280 00 — A. E. Miller 2,600 00		
	A. R. Lord ..... 2,160 00 — J. T. Pollock 2,540 00	25,490 00	
	Expenses ($11,611.32):	$ 28,010 00	
	Office Supplies, etc.: A. Anstey, $108.74; B.C. Telephone Co., $11.70; L. J. Bruce, $60.09; F. G. Calvert, $42.90; J. B. DeLong, $79.04; A. C. Dove, $20.08; G. H. Gower, $29.45; King's Printer, $140.77; A. R. Lord, $125.95; H. H. Mackenzie, $65.48; J. Martin, $43.04; A. F. Matthews, $29.35; W. H. M. May, $29.05; A. E. Miller, $106.69; J. T. Pollock, $41.10; postage, $3	936 43	
	Travelling Expenses: A. Anstey, $1,160.90; L. J. Bruce, $618.20; F. G. Calvert, $1,355.88; J. B. DeLong, $761.16; A. J. Dove, $446.37; G. H. Gower, $329.95; A. R. Lord, $1,560.50; H. H. Mackenzie, $413.97; J. Martin, $533.61; A. F. Matthews, $695.10; W. H. M. May, $311.60; A. E. Miller, $954.10; J. T. Pollock, $242.10; A. Simpson, $80; Begg Motor Co., $1,123.95	10,587 39	
	Office-rents: A. J. Dove, $37.50; A. F. Matthews, $50	87 50	
	Total expenditure, Inspection of Schools		39,621 32
57.	NORMAL SCHOOL, VANCOUVER.		
	Salaries ($19,283.10):		
	Principal ..... W. Burns	$ 3,000 00	
	Assistant Masters:		
	H. B. MacLean .... $2,400 00 — D. M. Robinson ... $2,800 00	5,200 00	
	Drawing Master ..... W. P. Weston	2,280 00	
	Assistant Mistresses:		
	L. A. Burpee ..... 1,740 00 — C. McNiven 1,680 00	3,420 00	
	Music Mistress ..... E. M. Coney	1,560 00	
	Librarian and Stenographer ..... A. M. Loree	780 00	
	Engineer and Janitor ..... D. Robbins	1,140 00	
	Gardeners:		
	S. L. Abbott ..... $1,050 00 — P. W. Greaves $596 65		
	A. Holmes 306 45	1,953 10	
	Expenses ($8,272.55):	$ 19,333 10	
	Office Supplies, etc.: Bishop & Christie, Ltd., $8.50; Birchard & Co., $2.25; H. Birks & Sons, Ltd., $1.25; B.C. Telephone Co., $76.27; B.C. Window Cleaning Co., $34; Burns Drug Co., $419.30; W. Burns, $78.87; W. A. Burpee & Co., $11.99; Canadian Photo		
	Carried forward	$ 19,333 10	$ 146,143 99

No. of Vote.	SERVICE.		Expended.	
	DEPARTMENT OF EDUCATION—*Continued.*			
57.	NORMAL SCHOOL, VANCOUVER—*Concluded.*			
	Brought forward		$ 19,333 10	$ 146,143 99
	Expenses—*Concluded.*			
	Office Supplies, etc.—*Concluded.*			
	Co., $9; Cascade Steam Laundry, $9.25; City Chimney Cleaning Co., $25.50; Clarke & Stuart Co., Ltd., $374.39; J. Curwen & Sons, Ltd., $3.93; G. Drysdale, Ltd., $8.33; G. S. Forsyth & Co., $30.45; Ginn & Co., $9.76; G.N.W. Telegraph Co., $1.81; J. G. Gunn, $122.51; G. M. Hendry Co., $7.30; King's Printer, $82.78; L. Macmillan, $97; Mainland Transfer, $5; A. Martin, $70.70; Nat. Geographical Society, $3; Popular Educator Co., $2.25; Primary Education Co., $2.25; R. A. Robbins, $52.67; G. A. Roedde, $16.45; Smith, Davidson & Wright, $20; St. John Ambulance Association, $20; Trythall & Son, $4.50; United Pub. of Canada, $9.50; Vancouver Woodworkers, $1.60; Ward, Ellwood & Co., $12.75; Wrigley's Directories, $10		1,645 11	
	Fuel, Light, Water:			
	B.C. Elec. Rly. Co., $438.85; Kirk & Co., $995.78; Vancouver City Waterworks, $67.20; Vancouver Gas Co., $83.45; Vancouver Woodyard, $19.25		1,604 53	
	Maintenance and Repairs of Buildings, Grounds, etc.:			
	Brackman-Ker Mill. Co., $6.70; J. Brand & Co., $16.95; B.C. Elec. Rly. Co., $14.40; Burke & Cameron, $33; H. M. Burns, $3.10; W. Burns, $2; Campbell & Grill, $180.10; City Chimney Sweeping Co., $17.50; W. S. Clayton, $4.85; C. J. Cummins & Co., $225; Dixon & Murray, $1.25; A. N. Fletcher, $4.75; W. W. Fraser, $36.75; J. G. Gunn, $10.40; J. Hanbury & Co., $7.60; W. Holt, $84.50; A. Martin, $108.25; W. T. McArthur & Co., $43.10; Ritchie Bros. & Co., $44.75; Simson, Balkwell & Co., $8.10; J. Sinker, $39; Smith, Davidson & Wright, $6.75; D. Spencer, Ltd., $10.80; Timmons Bros., $39; Vancouver Eng. Works, Ltd., $115.50; A. Vogee, $25; Weeks & Co., $92.40; Wood, Vallance & Leggat, $1.35		1,182 85	
	Students' mileage		2,690 06	
	Allowance to Teachers assisting Normal Students:			
	City of Vancouver		1,150 00	
	Total expenditure, Normal School, Vancouver			27,605 65
58.	NORMAL SCHOOL, VICTORIA.			
	Salaries ($17,521.65):			
	Principal	D. L. MacLaurin	$ 3,000 00	
	Assistant Master	V. L. Denton	2,520 00	
	Drawing Master and Tech. Instr.	H. Dunnell	2,480 00	
	Domestic Science Mistress	L. Denne	1,560 00	
	Music Mistress	I. Morris	1,440 00	
	Principal, Model School	K. Scanlan	1,620 00	
	Teacher, Model School	I. M. F. Barron	1,260 00	
	Engineer:			
	I. I. Marks (9⅔ mos.) $1,291 65	D.T.Williams (2 mos.) $250 00	1,541 65	
	Assistant Engineer	A. E. Horner	1,140 00	
	Janitor	W. McMichael	1,020 00	
	Expenses ($8,539.46):		$ 17,581 65	
	Office Supplies, etc.:			
	Am. Home Economics Association, $6.50; R. S. Baker, $55.60; Boosey & Co., $10.32; B.C. Telephone Co., $85.50; J. Church Co., $6.80; Columbia Paper Co., $7; L. Denne, $109.16; J. Dougall & Son, $2; Drake Hardware Co., $61.05; Evans Bros, Ltd., $1.37; Fletcher Bros., $260; J. L. Forrester, $61; G. W. Fuggle, $3.50; Grolier Society of London, $11.25; J. Hood, $80; Houghton Mifflin Co., $21.12; King's Printer, $107.05; J. Kyle, $15; J. Leigh & Sons, $62.50; McClelland,			
	Carried forward		$ 17,581 65	$ 173,749 64

No. of Vote.	SERVICE.		Expended.
	DEPARTMENT OF EDUCATION—*Continued.*		
58.	NORMAL SCHOOL, VICTORIA—*Concluded.*		
	Brought forward	$ 17,581 65	$ 173,749 64
	Expenses—*Concluded.*		
	Office Supplies, etc.—*Concluded.*		
	Goodchild & Stewart, Ltd., $224.48; D. MacLaurin, $84.35; New Method Laundry, $26.50; Pacific Tractor Co., $28; W. J. Pendray & Sons, $49.20; E. G. Prior & Co., $62.85; Public Works Dept., $32; Reliable Transfer Co., $2.75; R. P. Rithet & Co., $7; Schofield & Sims, Ltd., $58.98; Scott & Peden, $1.75; J. Somers & Sons, $15; D. Spencer, Ltd., $20.85; Staneland Co., Ltd., $10.10; J. O. Steeves, $22.20; Vic. Book & Stationery, $57.30; Victoria Hardware Co., $14.45; Victoria Furniture Co., $71.50; Funk & Wagnall Co., $12.51; Weiler Bros, Ltd., $44.50; Western Grocery Co., $4.20; Wrigley Directories, Ltd., $10 ..	1,827 19	
	Fuel, Light, Water:		
	B.C. Electric Rly. Co., $195.83; Corporation of Saanich, $39.80; R. Hall & Sons, $125; Imperial Oil Co., $65.98; Mackay & Gillespie, Ltd., $1,035.42; Wilkinson Road Gaol, $300	1,762 03	
	Maintenance and Repairs of Buildings, Grounds, etc.:		
	J. Bell, $800; G. E. Davidson, $2.50; A. Davis, $12.75; W. Davis, $1; Drake Hardware Co., $170.73; J. W. Fletcher, $10; Hawkins & Hayward, $10.10; Hickman, Tye Hardware Co., $7.25; Imperial Oil Co., Ltd., $3.58; Jameson, Rolfe & Willis, $1.55; J. Leigh & Sons, $10.63; Lemon, Gonnason & Co., $23.85; E. B. Marvin & Co., $8.86; A. Milligan, $2; Nag Paint Co., Ltd., $15; E. G. Prior & Co., $15.15; Public Works Dept., $113.25; Ramsay Machine Works, $9.65; Smith, Davidson & Wright, $43.25; G. A. Stevens, $21.50; W. A. Tyson, $14.85 ..	1,297 45	
	Students' mileage	3,353 79	
	Allowance to teachers assisting Normal students	299 00	
	Total expenditure, Normal School, Victoria		26,121 11
59.	EDUCATION OF DEAF, DUMB, AND BLIND.		
	California School for Deaf, Dumb, and Blind, $496.80; City of Vancouver, $1.416; W. Crane, $688.50; J. Dearin, $306.55; T. D. DesBrisay, $218.65; G. Duclos, $90.50; G. Every-Clayton, $33.85; A. Farrow, $132.50; R. R. Gill, $30; V. Hadfield, $207.50; Halifax School for the Deaf, $250; Halifax School for the Blind, $250; J. H. Hunter, $16.90; Mrs. M. Jenkins, $509.40; J. Koskimaki, $158.30; C. Liddle, $124; Manitoba School for the Deaf, $441.67; J. M. Macalister, $45.75; D. McLeod, $120; J. B. McPhail, $90.90; Ontario School for the Blind, $640.81; Prov. Treasurer of Manitoba, $7,093.98; West. Association for the Blind, $105.20; B. Winn, $31.50	13,499 26	
	Total expenditure *re* Deaf, Dumb, and Blind		13,499 26
60.	PER CAPITA GRANT TO CITIES.		
	Cities of the First Class:		
	New Westminster ..... 70 Teachers	$ 33,618 35	
	Vancouver .....482 „	211,523 30	
	Victoria .....173 „	78,391 60	
		$323,533 25	
	Cities of the Second Class:		
	Chilliwack ..... 12 Teachers	$ 6,153 30	
	Cranbrook ..... 14 „	7,800 00	
	Fernie ..... 24 „	12,480 00	
	Grand Forks ..... 13 „	6,413 35	
	Kamloops ..... 16 „	8,363 30	
	Kelowna ..... 13 „	6,760 00	
	Ladysmith ..... 13 „	6,716 65	
	Carried forward	$323,533 25	$ 213,370 01

No. of Vote.	SERVICE.			Expended.	
	DEPARTMENT OF EDUCATION—*Continued.*				
60.	PER CAPITA GRANT TO CITIES—*Concluded.*				
	Brought forward			$323,533 25	$ 213,370 01
	Cities of the Second Class—*Concluded.*				
	Nanaimo	28 Teachers	$ 16,800 00		
	Nelson	23 „	13,000 00		
	Prince Rupert	17 „	9,273 30		
	Revelstoke	19 „	9,359 95		
	Rossland	19 „	8,146 65		
	Trail	18 „	9,967 50		
	Vancouver, North	33 „	17,410 00		
	Vernon	18 „	9,230 00		
				147,874 00	
	Cities of the Third Class:				
	Alberni	2 Teachers	$ 1,130 00		
	Armstrong	9 „	6,167 90		
	Courtenay	3 „	1,695 00		
	Cumberland	12 „	8,447 45		
	Duncan	9 „	4,811 25		
	Enderby	5 „	2,825 00		
	Greenwood	4 „	2,260 00		
	Kaslo	6 „	4,290 00		
	Merritt	8 „	4,143 30		
	Phoenix	5 „	2,825 00		
	Port Alberni	4 „	2,260 00		
	Port Coquitlam	6 „	3,390 00		
	Port Moody	6 „	3,201 65		
	Prince George	6 „	2,966 25		
	Salmon Arm	5 „	2,313 80		
	Sandon	1 „	565 00		
	Slocan	2 „	1,130 00		
	Cumberland, grant on account of outside pupils		938 45		
	Duncan, grant on account of outside pupils		175 00		
				55,535 05	
	Total expenditure, Grants to Cities				526,942 30
61.	PER CAPITA GRANT TO MUNICIPALITIES.				
	Burnaby	45 Teachers		$ 24,514 60	
	Chilliwack	25 „		14,162 60	
	Coldstream	2 „		1,198 80	
	Coquitlam	7 „		4,137 40	
	Cowichan, North	9 „		4,176 00	
	Delta	17 „		10,188 60	
	Esquimalt	18 „		11,793 40	
	Kent	7 „		4,195 40	
	Langley	22 „		12,818 00	
	Maple Ridge	17 „		9,589 40	
	Matsqui	17 „		10,467 60	
	Mission	15 „		10,152 00	
	Oak Bay	18 „		10,594 60	
	Peachland	5 „		2,339 40	
	Penticton	14 „		9,106 00	
	Pitt Meadows	2 „		1,198 80	
	Point Grey	40 „		25,616 65	
	Richmond	16 „		10,208 00	
	Saanich	45 „		27,065 40	
	Salmon Arm	7 „		4,195 40	
	Spallumcheen	8 „		4,562 60	
	Sumas	6 „		3,596 00	
	Summerland	10 „		5,568 00	
	Surrey	25 „		13,978 00	
	Carried forward			$235,431 65	$ 740,312 31

No. of Vote.	SERVICE.		Expended.	
	DEPARTMENT OF EDUCATION—*Continued.*			
61.	PER CAPITA GRANT TO MUNICIPALITIES—*Concluded.*			
	Brought forward		$235,431 65	$ 740,312 31
	Vancouver, North	14 Teachers	8,149 05	
	Vancouver, South	144 „	88,237 35	
	Vancouver, West	6 „	3,170 60	
	Total expenditure, Grants to Municipalities			334,979 65
62.	PER CAPITA GRANT TO RURAL SCHOOL DISTRICTS.			
	Abbotsford, $2,397.60; Ainsworth, $595.65; Alert Bay, $599.40; Anaconda, $599.40; Arrowhead, $599.40; Arrow Park, East, $599.40; Ashcroft, $1,198.80; Atlin, $1,240; Baynes Lake, $599.40; Beaver Point, $599.40; Begbie, $591.65; Beresford, $599.40; Bull River Bridge, $599.40; Burgoyne Bay, $597.45; Burtondale, $599.40; Cache Creek, $570.40; Campbell Creek, $599.40; Campbell River, $599.40; Canford, $406; Canyon City, $599.40; Carson, $599.40; Cascade, $599.40; Cawston, $406; Chase, $1,798.20; Clayoquot, $599.40; Clinton, $599.40; Coal Creek, $1,798.20; Colwood, $599.40; Corbin, $599.40; Crawford Bay, $599.40; Crescent Valley, $599.40; Creston, Superior, $2,380.20; Deep Cove, $599.40; Denman Island, $1,005.40; Dewdney, $599.40; Duck Range, $599.40; Elko, $599.40; Ellison, $599.40; Enderby, North, $599.40; Erickson, $483.40; Essington, $599.40; Field, $599.40; Fort Steele, $792.80; Fruitland, $1,198.80; Fruitvale, $549.45; Gabriola, North, $554.50; Gabriola, South, $504.30; Glenbank, $599.40; Glenemma, $599.40; Golden, High, $454.35; Golden, Central, $2,397.60; Goldstream, $599.40; Granby Bay, $1,798.20; Granby Bay Mine, $773.40; Grande Prairie, $541.40; Grindrod, $599.40; Happy Valley, $599.40; Hatzic Prairie, $511.55; Hedley, $1,798.20; Hope, $950.60; Howe Sound, $1,529.40; Hume, $2,997; Jaffray, 599.40; Kelowna, North, $599.40; Keremeos, $1,198.80; Kitsumgallum, $599.40; Langford, $599.40; Lillooet, $599.40; Long Lake, $599.40; Louis Creek, $599.40; Lumby, $1,198.80; Lund, $599.40; Lytton, $599.40; Malakawa, $599.40; Mara, $1,198.80; Martin's Prairie, $580.70; Marysville, $599.40; Mayne Island, $599.40; Metchosin, $599.40; Michel, $1,794.35; Michel, New, $2,257.35; Midway, $517.90; Mission Creek, $599.40; Monte Creek, $367.40; Nakusp, $1,180.10; Naramata, $599.40; New Denver, $1,604.80; Nicola, $599.40; Nicola, Lower, $599.40; Nicomen, $599.40; Nicomen, North, $599.40; North Bend, $1,198.80; North Thompson, West, $599.40; Notch Hill, $1,198.80; Ocean Falls, $1,604.80; Okanagan, $599.40; Okanagan Falls, $599.40; Okanagan Landing, $599.40; Okanagan, South, $599.40; Otter Point, $565.50; Oyama, $1,198.80; Pender Island, $599.40; Powell River, $2,997; Princeton, $2,397.60; Procter, $599.40; Quesnel, $1,150.45; Robson, $599.40; Rocky Point, $599.40; Rose Hill, $427.25; Rutland, $2,204.20; Saanich, North, $1,198.80; Salmo, $792.80; Savona, $595.55; Shuswap, $599.40; Sidney, $2,349.25; Silver Creek, $599.40; Silverton, $1,571.95; Simpson, $599.40; Slocan Junction, $599.40; Smithers, $773.40; Sooke, $599.40; Spences Bridge, $575.20; Squamish, $599.40; Squamish, Lower, $1,198.80; Tappen Siding, $599.40; Vanada, $1,198.80; Vesuvius, $599.40; Vesuvius, North, $599.40; Waldo, $1,198.80; Wardner, $599.40; Westbank Townsite, $599.40; Woods Lake, $595.65; Wycliffe, $599.40; Ymir, $599.40; *re* pupils from the Florence Mine, $150		$116,217 30	
	Total expenditure, Grants to Rural School Districts			116,217 30
63.	SALARIES OF TEACHERS IN ASSISTED SCHOOLS.			
	Albert Canyon, $930; Albert Head, $744; Alexandria, $1,054; Alice Arm, $992; Alice Siding, $930; Alkali Lake, $686.80; Allen Grove, $728; Anarchist Mountain, $930; Annable, $915.50; Apple-			
	Carried forward			$1,191,509 26

No. of Vote.	SERVICE.	Expended.

DEPARTMENT OF EDUCATION—*Continued.*

63. SALARIES OF TEACHERS IN ASSISTED SCHOOLS—*Continued.*

Brought forward $1,191,509 26

dale, $930; Arrow Park, West, $930; Ashton Creek, $868; Aspin Grove, $905.20; Athalmer, $930; Balfour, $992; Balmoral, $868; Bamfield, $868; Barkerville, $1,178; Barnston Island, $806; Barriere Power House, $532; Barriere River, $930; Barriere Valley, $300; Bear Creek, $806; Beaton, $930; Beaver Lake, $1,116; Beaverley, $270; Belford, $900; Bella Coola, $992; Bella Coola, Lower, $992; Berrydale, $868; Big Bar Mountain, $1,116; Big Bar, Upper, $748; Big Eddy, $992; Blaeberry, $855; Blind Bay, $843.20; Blubber Bay, $588; Blueberry Creek, $868; Blue River, $801.45; Bonaparte Valley, $840; Boston Bar, $806; Boswell, $930; Boundary Falls, $868; Bowen Island, $843.20; Bowie, $930; Box Lake, $930; Bridesville, $855; Brilliant, $2,822; Brisco, $930; Britannia Beach, $2,448; Britannia Mine, $930; Buckley Bay, $432; Burns Lake, $369.10; Cahilty, $668.55; Caithness, $630; Campbell Range, $729.80; Canford, $240; Canim Lake, $992; Cape Scott, $1,054; Cariboo, $320; Carlin Siding, $868; Cartier, $1,116; Castledale, $918; Castlegar, $992; Castle Rock, $1,054; Cawston, $320; Cedarville, $435; Chase Creek, $786.80; Chaumox, $744; Cheakamus, $199.65; Chief Lake, $784.50; Chilco, $992; Chimney Creek, $1,011.50; Chinook Cove, $570; Christian Valley, $320; Chu Chua, $906; Clearwater, $840; Clo-ose, $416.95; Coalmont, $630; Cokato, $967.20; Coltern, $930; Columbia Gardens, $930; Concord, $756.60; Copper City, $799.35; Copper Creek, $952; Copper Mountain, $300; Cortes Island, $930; Craigellachie, $868; Cranberry Marsh, $868; Crawford Creek, $868; Criss Creek, $868; Crowsnest, $672; Cultus Lake, $280; Curzon, $930; Deadwood, $992; Deep Creek, $868; Deer Lodge (Doriston), $806; Deer Park, $930; Demars, West, $930; Discovery, $1,240; Dome Creek, $576; Dragon Lake, $1,054; Duhamel, $855; Dunster, $966.40; Ecoole, $868; Edgewood, $930; Eholt, $868; Elk Bridge, $992; Elk Prairie, $627.10; Empire Valley, $392; Endako, $963.20; Engen, $151.10; Erie, $930; Essondale, $930; Fairview, $930; Falkland, $930; False Bay, $868; Fauquier, $727; Ferguson, $954.70; Fife, $930; Fire Valley, $930; Fish Lake, $806.40; Flagstone, $1,054; Florence Mine, $588; Fort Fraser, $958.80; Fort George, $2,480; Fort George, South, $1,288.40; Foster's Bar, $705; Galena Bay, $930; Galiano, $806; Galiano, North, $806; Galloway, $300; Ganges, $240; Ganges Harbour, $868; Gillis Bay, $868; Gilpin, $868; Giscome, $992; Glacier, $252; Glade, $2,108; Glencoe, $1,054; Glenrosa, $806; Grandview Bench, $504; Granite Bay, $930; Half Moon Bay, $572; Hall's Landing, $930; Harpers Camp, $1,116; Harrogate, $713.55; Harrop, $967.20; Hartley, $579.20; Hat Creek, $380.80; Haysport, $300; Hazelton, $1,116; Hazelton, New, $1,105.55; Heffley Creek, $967.20; Heffley Creek, Upper, $21.70; Heffley Lake, $390; Hendon, $868; Heriot Bay, $930; Hidden Bay, $806; Highland, $744; Hilborn, $959.30; Hilltop, $930; Hilton, $924.20; Hope Station, $780.95; Hornby Island, $806; Horse Creek, $930; Hosmer, $992; Houston, $992; Hupel, $924; Hurlingham, $930; Huscroft, $868; Hutton, $102; Ingram Mountain, $806; Invermere, $930; Inverness, $915; Ioco, $1,196; Isabella Point, $843.20; James Island, $803.50; Jordan River, $806; Kaleden, $448; Kalwa, $930; Kedleston, $930; Keefers, $806; Kelowna, East, $868; Kettle River, North, $930; Kettle Valley, $930; Kildonan, $868; Killarney, $930; Kimberley, $1,244.50; Kingcome Inlet, $630; Kingsgate, $930; Kinnaird, $868; Kitchener, $630; Kitimat, $340; Knutsford, $843.20; Koch Siding, $868; Krestova, $1,054; Lac du Bois, $843.20; Lac la Hache, $967.20; Lake Buntzen, $806; Landry, $840; Little Fort, $924; Loco, $280; Lucerne, $967.20; Mabel Lake, $930; Macalister, $969; Mackenzie, $992; Magna Bay, $546; Malcolm Island, $2,170; Mapes, $992; Marshall, $507.60; Masset, $1,054; Mayook, $178.30; Meadowbrook, $280; Meadow Spur, $868; Meadow Valley, $868;

Carried forward $1,191,509 26

No. of Vote.	SERVICE.	Expended.

DEPARTMENT OF EDUCATION—*Continued.*

63. SALARIES OF TEACHERS IN ASSISTED SCHOOLS—*Concluded.*

Brought forward $1,191,509 26

Meldrum Creek, $1,116; Metlakatla, $1,116; Mill Creek, $1,736; Mill Plant, $523.10; Moberly, $843; Morrissey Mines, $992; Mount Ingersoll, $930; Moyase, $843.20; Moyie, $1,922; Myncaster, $280; McBride, $1,040; McGuire, $930; Nechako, $992; Needles, $770.50; Nickel Plate Mine, $930; Nimpkish, $885; Nine-mile Creek, $780.85; Noosatsum, $300; Okanagan Centre, $868; Olalla, $423; Olsen Lake, $868; One-mile Creek, $543.20; Ootsa Lake, $543; Osland, $992; Osoyoos, $930; Outlook, $1,054; Pachelqua, $930; Pacific, $930; Parks Siding, $716.85; Parson, $868; Pass Creek, $1,116; Pavilion, $292; Pemberton Meadows, $741.60; Pemberton Range, $715.35; Pender Harbour, $868; Perry Siding, $954.60; Pinantan, $177.35; Popcum, $806; Port Alice, $818.35; Porcher Island, $320; Port Clements, $1,054; Port Hardy, $930; Port Renfrew, $806; Pouce Coupe, $1,240; Pouce Coupe, Central, $1,240; Pouce Coupe, North, $1,240; Princeton, East, $930; Quatsino, $992; Queen Charlotte, $1,040.40; Reiswig, $757; Renata, $930; Retreat Cove, $762.20; Richland, $300; Riondel, $905.20; Roberts Creek, $851.75; Roberts Creek, East, $20.15; Robins Range, $930; Rock Bay, $930; Rock Creek, $992; Roe Lake, $992; Roosville, $905.20; Rosebery, $930; Round Top, $930; Saint Elmo, $868; Salmon Bench, $786.80; Salmon Valley, $930; Sand Spit, $1,087.20; Saskatoon Creek, $1,240; Savary Island, $868; Savona Road, $764.30; Sayward, $930; Sechelt, $806; Seton Lake Creek, $801.95; Seymour Arm, $630; Shoreacres, $905.20; Shuswap Falls, $280; Shuswap, North, $905.20; Shutty Bench, $868; Sicamous, $930; Similkameen, $930; Sinclair, $868; Sirdar, $843.20; Sisters Creek, $1,054; Skidegate, $1,054; Skookumchuck, $741; Soda Creek $1,116; Solsqua, $930; Sooke Harbour, $682; Springhouse, $1,054; Sproat, $252; Sorrento, $868; Squam Bay, $930; Squirrel Cove, $767.75; Standard Mine, $608; Stellaco, $742.40; Stewart, $992; Sullivan Valley, $856.80; Sunnybrae, $843.20; Sunnyside Cannery, $588; Sunnyside No. 2, $806; Surf Inlet, $601.60; Surf Inlet Mine, $601.60; Swift Creek, $450; Syringa Creek, $420; Swanson Bay, $992; Tappen Valley, $868; Telegraph Creek, $1,302; Telkwa, $992; Three Valley, $280; Thrums, $856.90; Thurlow, $799.35; Tranquille, $868; Trapp Lake, $868; Trout Creek, Upper, $756.90; Trout Lake, $992; Tulameen, $930; Turtle Valley, $826; Ucluelet, $967.20; Ucluelet Arm, $660; Ucluelet, East, $930; Usk, $810; Valdes Island, $930; Vanderhoof, $1,116; Vavenby, $930; Walhachin, $806; Wanklyn, $726.60; Wapta, $811.10; Wasa, $900.95; Watmore, $843.20; West View, $806; Whaletown, $930; White Lake, $868; Williams Lake, $1,023.40; Williams Siding, $930; Willow River, $992; Wilmer, $930; Windermere, $868; Winlaw, $992; Wolfson Bay, $868; Woodville Road, $300; Wynndel, $992; Yahk, $930; Yale, $854.45.. $302,815 90

Total expenditure, Teachers in Assisted Schools 302,815 90

64. SALARIES OF TEACHERS IN E. & N. RAILWAY BELT.

Beaver Creek, $806; Bench, $930; Bowser, $739.40; Brechin, $3,100; Cedar, East, $744; Cedar, North, $1,798; Cedar, South, $967.20; Chase River, $2,046; Cherry Creek Valley, $806; Cobble Hill, $806; Comox, $1,798; Cowichan, $2,604; Departure Bay, $930; Diamond Crossing, $1,798; Errington, $868; Extension, $2,914; Fanny Bay, $846.30; French Creek, $868; Gill, $837.80; Glenora, $868; Grantham, $930; Grant Mine, $868; Harewood, $7,564; Headquarters, $798.20; Koksilah, $868; Lazo, $930; Malahat (Shawnigan Lake), $967.20; Minto, $1,733; Montrose, $744; Mountain, $930; Nanaimo Bay, $1,984; Nanoose Bay, $843.20; Nob Hill, $806; Northfield, $1,798; No. 7 Mine, $1,922; Oyster, $905.20; Oyster, North, $930; Parksville, $1,538; Qualicum Beach, $1,736;

Carried forward $1,494,325 16

No. of Vote.	SERVICE.		Expended.
	DEPARTMENT OF EDUCATION—*Continued.*		
64.	SALARIES OF TEACHERS IN E. & N. RAILWAY BELT—*Concluded.*		
	Brought forward		$1,494,325 16
	Qualicum, Little, $868; Royston, $800.80; Sahtlam, $806; Sandwick, $930; Shawnigan (Mill Bay), $992; Sylvania, $504; Union Bay, $1,922; Waterloo, $744; Wellington, $1,736; Wellington, South, $4,278	$ 69,450 30	
	Total expenditure, Teachers in E. & N. Railway Belt		69,450 30
65.	GRANTS TO LIBRARIES.		
	City of Chilliwack, $50; City of Cranbrook, $50; City of Fernie, $21.13; Fort George School District, $10; City of Grand Forks, $22.73; Maple Ridge Municipality, $25.68; Matsqui Municipality, $50; City of New Westminster, $50; City of North Vancouver, $50; Okanagan Centre School District, $36.60; Penticton Municipality, $43.43; Sumas Municipality, $46.50; Summerland Municipality, $6.41	$ 462 48	
	Total expenditure, Grants to Libraries		462 48
66.	GRANT IN AID OF MANUAL TRAINING EQUIPMENT.		
	City of Enderby, $86.04; City of Rossland, $75.60; Rutland School District, $58.87; Summerland Municipality, $225.63	$ 446 14	
	Total expenditure, Manual Training Equipment		446 14
67.	ERECTION OF NEW BUILDINGS AND MAINTENANCE AND REPAIRS OF SCHOOL BUILDINGS.		
	New Buildings:		
	Arrow Park, West, $250; Barnston Island, $200; Baynes Lake, $73.76; Beaverly, $300; Boston Bar, $126; Buckley Bay, $200; Burns Lake, $100; Caithness, $150; Canford, $2,830; Cawston, $500; Cloverdale, $2,557.25; Copper Creek, $100; Cowichan Lake, $150; Cranbrook, $10,000; Crawford Bay, $2,150; Cultus Lake, $118.74; Dunster, $33.40; Eagle River, $125; Eagle Valley, $250; Ganges Harbour, $2,575; Giscome, $45.50; Hartley, $89.67; Hendon, $69.48; Kitchener, $200; Ladner, $1,200.65; Ladysmith, $3,000; Landry, $100; Lumby, $250.75; Magna Bay, $107.75; Mayook, $175; New Denver, $10,335; North Saanich, $8,000; Ocean Falls, $22,750; Parson, $100; Port Clements, $650; Port Moody, $3,276.43; Red Lake, $148.99; Salmon Bench, $83; Sidney, $9,273; Springhouse, $244; Sproat, $250; South Wellington, $9,527; Surrey, $1,016; Upper Hefley Creek, $200; Usk, $150; Whatcom, $2,396.50	$ 96,427 87	
	Maintenance and Repairs:		
	Abbotsford, $135; Balmoral, $44.60; Beaverly, $13.50; Chimney Creek, $19.08; Denman Island, $124.80; Discovery, $172; Dunster, $91.60; Esquimalt, $1,863.35; Ferguson, $287.25; Florence Mine, $125; Huntingdon, $31.25; Ioco, $50.50; Lower Squamish, $100; Magna Bay, $42.25; McBride, $208; New Denver, $94.30; New Hazelton, $250; North Pouce Coupe, $50; Ocean Falls, $253.15; Springhouse, $56	4,011 63	
	Clerks of the Works:		
	J. Brown, $21; A. Carrie, $459.35; R. Ford, $35.50; R. A. Kerr, $142; A. McGovan, $32; H. McRae, $138.75; D. H. Smith, $7; J. Waddell, $93.25; H. B. Watson, $80.75	1,009 60	
	Sundry Expenses:		
	Albion Stove Works, $90.10; B.C. Express Co., $6.65; Canadian Bank of Commerce, $60; Chilliwack Progress, $7; Clarke & Stuart Co., Ltd., $5,450.57; Columbian Co., Ltd., $14.40; Inland Express Co., $28.75; King's Printer, $323.50; Kootenaian, $11.60; Ladysmith Chronicle, $51.60; Macey Office Equipment Co., Ltd., $675.01; Merritt Herald, $10.64; Nelson Daily News, $23.48;		
	Carried forward	$101,449 10	$1,564,684 08

No. of Vote.	SERVICE.		Expended.
	DEPARTMENT OF EDUCATION—*Continued.*		
67.	ERECTION OF NEW BUILDINGS AND MAINTENANCE AND REPAIRS OF SCHOOL BUILDINGS—*Concluded.*		
	Brought forward	$101,449 10	$1,564,684 08
	Sundry Expenses—*Concluded.* Nanaimo Daily Free Press, $21.20; Nanaimo Herald Ptg. & Pub. Co., $60; Prince Rupert Daily News, $9.80; Reliable Transfer Co., $3.25; Vancouver Daily Sun, $188.10; Vernon News Ptg. & Pub. Co., Ltd., $3.95; Victoria Colonist Ptg. & Pub. Co., Ltd. Lby., $2.80; Victoria Times Ptg. & Pub. Co., Ltd., $132.90	7,175 30	
	Total expenditure *re* School Buildings		108,624 40
68.	EXAMINATION OF TEACHERS.		
	A. Anstey, $125; E. H. Archibald, $404.25; T. A. Brough, $356.30; W. Burns, $314.75; L. J. Bruce, $125; F. G. Calvert, $125; H. Chodat, $387.53; G. W. Clark, $226.75; J. B. De Long, $158.75; V. L. Denton, $226.70; I. Dilworth, $12.65; H. Dunnell, $271.10; J. Dunning, $344.90; P. H. Elliott, $369.95; J. S. Gordon, $271.71; G. H. Gower, $125; J. Henderson, $301; J. K. Henry, $360.45; H. P. Hope, $309.30; G. H. Hutchinson, $114; R. A. Little, $300.35; A. R. Lord, $125; H. H. MacKenzie, $125; D. L. MacLaurin, $301.90; J. Martin, $125; S. W. Mathews, $361.25; W. H. M. May, $125; A. E. Miller, $125; E. McWilliam, $18.75; T. Pattison, $288.40; E. B. Paul, $318.75; J. T. Pollock, $125; G. E. Robinson, $285.45; L. Robertson, $374.25; E. H. Russell, $414.13; A. G. Smith, $275.95; S. J. Willis, $309.95; L. Wolfenden, $9.45; F. G. P. Wood, $335.40; Canadian Express Co., $2.85; Dominion Express Co., $153.40; King's Printer, $709.10; Reliable Transfer Co., $6.75	$ 10,146 17	
	Total expenditure, Examination of Teachers		10,146 17
69.	EXAMINATION RE HIGH SCHOOL ENTRANCE.		
	J. A. Armstrong, $106.60; A. E. Baxter, $4.35; R. L. Beadles, $15.50; L. J. Bruce, $3.04; F. G. Calvert, $68.36; R. H. Cole, $15.29; F. M. Cowperthwaite, $228; F. A. Dewar, $15; A. Dove, $37.45; F. N. Emmott, $15.18; I. Foughner, $16; A. E. Foy, $18.30; A. L. Goudie, $15.89; G. H. Gower, $6.60; H. C. Graham, $9; D. Hastings, $23.60; R. L. Horning, $109.10; B. Hutchison, $16.22; W. S. A. Larter, $15.50; A. R. Lord, $33.86; A. G. Lyche, $4.50; A. M. Lyon, $15.63; D. R. Maclean, $15.50; A. R. Mallory, $15.50; T. J. Marsh, $16.50; J. Martin, $1.90; L. A. Mebius, $14.05; A. J. McDougall, $149.05; J. McLellan, $15.30; G. Nordstrom, $15; E. Olts, $8.25; J. T. E. Palmer, $150.75; J. M. Paterson, $108; K. Petnick, $15.88; J. T. Pollock, $7.30; D. M. Robinson, $182.75; A. Simpson, 23.77; C. W. Simpson, $20; M. Smith, $12.60; J. Sperb, $15.50; C. M. Vipond, $12.50; J. Williams, $15.51; V. Woodworth, $10.35; W. Bews, $39.63; Burr Office Supplies, $31.48; Canadian Express Co., 60c.; Colonist P. & P. Co., $5.65; Clarke & Stuart Co., $154.25; C. S. Dobbins, $1.05; Dominion Express Co., $12.60; H. W. Halpenny, 35c; Hood Stationery Co., $32.72; Inland Express Co., $10; King's Printer, $417.55; A. E. Miller, $2.35; R. J. McDonell, $15; A. Redford, 55c.; Victoria Book and Stationery Co., $73.54	$ 2,416 25	
	Total expenditure *re* High School Entrance		2,416 25
70.	CONVEYING CHILDREN TO CENTRAL SCHOOLS.		
	Trustees, Crawford Creek, $22.50; Municipality of Langley, $546; Municipality of Mission, $56.25; Municipality of Peachland, $216.25; Municipality of Richmond, $993.50; Municipality of Saanich, $1,523; Municipality of Summerland, $1,038.85	$ 4,396 35	
	Total expenditure, Conveying Children to Central Schools		4,396 35
	Carried forward		$1,690,267 25

No. of Vote.	SERVICE.		Expended.
	DEPARTMENT OF EDUCATION—*Continued.*		
	Brought forward		$1,690,267 25
71.	CONTINGENCIES.		
	Atlin School, $109.60; Brechin School, $180; Discovery School, $52; East Princeton School, $150; Essondale School, $11.81; Fort George School, $895.32; Mapes School, $57; McBride School, $467.65; Nechako School, $60; Salme School, $75; Sidney School, $60; South Fort George School, $415.90; South Wellington School, $120; Anderson & Lusby, $2.55; C. S. Anderson, $75; E. H. Archibald, $32.20; J. Brand & Co., $10; B.C. Elec. Rly. Co., Ltd., 35c.; Canada Education Association, $100; H. Charlesworth, $1.70; H. Chodat, $41.85; Fair, $2; Harvey & Blackburn, $120; H. P. Hope, $12.40; A. C. Huggard, $18.50; F. Hurndall, $1.65; A. H. Hutchison, $6; E. G. Lawson, $1.50; L. M. Mills, $1.60; H. Morey & Co., $1.80; C. Moulton, $6.20; D. P. McColl, $50; New Westminster, City of, $53.26; J. M. Paterson, $2.90; J. R. Pollock, $22.30; M. A. B. Pope, $1.50; Reading Camp Association, $800; S. Roberts, $60; L. Robertson, $22.15; A. Simpson, $29.35; T. J. Trapp & Co., Ltd., $17.60; E. J. Trembath, $15.25; S. J. Willis, $36.10	$ 4,199 99	
	Total expenditure, Contingencies		4,199 99
71A.	BONUS IN VIEW OF INCREASED COST OF LIVING.		
	(Amounts added to respective salaries under Votes 57 and 58.)		
	STATUTORY EXPENDITURE—ADVANCES RE ASSESSED SCHOOL TAXES (CHAPTER 74, "PUBLIC SCHOOLS ACT AMENDMENT ACT, 1918").		
	Abbotsford, $900; Ainsworth, $465.60; Albert Head, $150; Albert Bay, $300; Alice Arm, $75; Alice Siding, $112.50; Allen Grove, $37.50; Anaconda, $600; Anderson Creek, $187.50; Annable, $112.50; Appledale, $187.50; Arrowhead, $637.50; Arrow Park, East, $513.75; Arrow Park, West, $450; Ashcroft, $900; Balfour, $187.50; Balmoral, $75; Bamfield, $600; Barkerville, $75; Barriere River, $112.50; Baynes Lake, $900; Beaver Creek, $300; Beaver Point, $150; Begbie, $168.75; Belford, $150; Bella Coola, $48.75; Bella Coola, Lower, $75; Bench, $168.75; Beresford, $225; Big Eddy, $82.50; Blind Bay, $56.25; Boundary Falls, $75; Bowen Island, $150; Bowie, $60; Bowser, $75; Box Lake, $75; Brechin, $750; Bull River Bridge, $600; Burgoyne Bay, $225; Burtondale, $375; Cache Creek, $270; Campbell Creek, $300; Campbell Range, $150; Campbell River, $375; Canford, $450; Canyon City, $600; Cape Scott, $93.75; Carlin Siding, $112.50; Carson, $187.50; Cartier, $112.50; Cascade, $562.50; Castlegar, $112.50; Cawston, $750; Cedar, East, $75; Cedar, North, $375; Cedar, South, $90; Chase, $2,250; Chase River, $375; Chaumox, $75; Cherry Creek Valley, $225; Christina Lake, $112.50; Clayoquot, $255; Clearwater, $75; Clinton, $412.50; Coal Creek, $3,075; Coalmont, $138; Cobble Hill, $150; Cokato, $311.25; Columbia Gardens, $150; Colwood, $750; Comox, $375; Copper Creek, $75; Corbin, $900; Cortes Island, $93.75; Cowichan, $375; Cowichan Lake, $225; Craigellachie, $37.50; Crawford Bay, $525; Crawford Creek, $150; Crescent Valley, $225; Creston, $2,625; Curzon, $262.50; Deep Cove, $450; Deep Creek, $206.25; Deer Park, $112.50; Demars, West, $112.50; Denman Island, $450; Dewdney, $225; Diamond Crossing, $225; Duck Range, $150; Duhamel, $187.50; Eagle Valley, $187.50; Eholt, $150; Elk Bridge, $187.50; Elko, $750; Ellison, $525; Enderby, North, $375; Erickson, $487.50; Erie, $187.50; Errington, $187.50; Essington, $375; Extension, $150; Fairview, $150; Falkland, $75;		
	Carried forward		$1,694,467 24

No. of Vote.	SERVICE.	Expended.

DEPARTMENT OF EDUCATION—*Continued.*

STATUTORY EXPENDITURE—ADVANCES RE ASSESSED SCHOOL TAXES (CHAPTER 74, "PUBLIC SCHOOLS ACT AMENDMENT ACT, 1918") —*Continued.*

Brought forward $1,694,467 24

Fanny Bay, $60; Fauquier, $112.50; Fife, $150; Fire Valley, $225; Fish Lake, $112.50; Fort Steele, $675; French Creek, 187.50; Fruitland, $900; Fruitvale, $600; Gabriola, North, $105; Gabriola, South, $75; Galena Bay, $112.50; Galiano, $37.50; Ganges Harbour, $315; Gill, $150; Gillis Bay, $75; Glenbank, $487.50; Glenemma, $165; Glenora, $75; Glenrosa, $45; Golden, $3,000; Goldstream, $168.75; Granby Bay and Mine, $5,250; Grandview Bench, $112.50; Grande Prairie, $225; Grantham, $112.50; Grindrod, $375; Happy Valley, $300; Harewood, $1,687.50; Harpers Camp, $75; Harrop, $262.50; Hatzic Prairie, $187.50; Headquarters, $206.25; Hedley, $1,650; Heffley Creek, $225; Heriot Bay, $225; Highland, $187.50; Hilborn, $75; Hope, $937.50; Hornby Island, $56.25; Hosmer, $450; Houston, $225; Howe Sound, $1,725; Hume, $3,450; Hurlingham, $112.50; Huscroft, $225; Invermere, $581.25; Jaffray, $663.75; Kaleden, $375; Kedleston, $112.50; Keefers, $75; Kelowna, East, $450; Kelowna, North, $525; Keremeos, $1,500; Kettle River, North, $75; Kettle Valley, $93.75; Killarney, $75; Kimberley, $450; Kitsumgallum, $1,125; Knutsford, $37.50; Koch Siding, $112.50; Koksilah, $75; Lac du Bois, $56.25; Langford, $562.50; Lazo, $120; Lillooet, $450; Long Lake, $225; Louis Creek, $408.75; Lumby, $1,125; Lund, $60.25; Lytton, $487.50; Magna Bay, $56.25; Malakwa, $431.25; Malcolm Island, $300; Mara, $607.50; Martin's Prairie, $337.50; Marysville, $375; Masset, $187.50; Mayne Island, $187.50; Meadow Valley, $150; Metchosin, $360; Michel and New Michel, $4,125; Midway, $637.50; Mill Bay, $120; Minto, $300; Mission Creek, $495; Moberly, $75; Monte Creek, $187.50; Montrose, $56.25; Mountain, $225; Moyie, $337.50; McGuire, $225; MacKenzie, $150; Nakusp, $825; Nanaimo Bay, $225; Nanoose, $150; Naramata, $1,425; Needles, $75; New Denver, $1,350; Nicola, $262.50; Nicola, Lower, $307.35; Nicomen, $375; Nicomen, North, $251.25; Nob Hill, $75; North Bend, $1,800; Northfield, $300; North Thompson, West, $213.75; Notch Hill, $573.45; No. 7 Mine, $337.50; Ocean Falls, $2,250; Okanagan, $450; Okanagan Centre, $337.50; Okanagan Falls, $487.50; Okanagan Landing, $375; Okanagan, South, $795; Olalla, $75; Olsen Lake, $37.50; Otter Point, $225; Oyama, $1,350; Oyster, $112.50; Oyster, North, $75; Parksville, $1,125; Parson, $300; Pemberton Range, $37.50; Pender Island, $225; Perry Siding, $75; Popcum, $187.50; Port Clements, $150; Port Hardy, $37.50; Powell River, $4,125; Princeton and Princeton, East, $3,562.50; Procter, $450; Qualicum Beach, $337.50; Qualicum, Little, $90; Quatsino, $93.75; Quesnel, $1,312.50; Reiswig, $112.50; Renata, $112.50; Retreat Cove, $75; Roberts Creek, $187.50; Robson, $525; Rock Creek, $150; Rocky Point, $187.50; Roosville, $75; Rosebery, $93.75; Rose Hill, $375; Royston, $75; Rutland, $1,875; Saanich, North, $1,125; Sahtlam, $337.50; Salmo, $750; Sandwick, $75; Savona, $300; Shawnigan Lake, $262.50; Shoreacres, $75; Shuswap, $262.50; Shuswap, North, $75; Shutty Bench, $37.50; Sicamous, $300; Sidney, $1,687.50; Silver Creek, $330; Silverton, $1,875; Simpson, $1,125; Sisters Creek, $75; Slocan Junction, $525; Smithers, $1,125; Solsqua, $120; Sooke, $450; Sorrento, $41.25; Spences Bridge, $177.52; Sproat, $75; Squamish, $517.80; Squamish, Lower, $1,200; Squirrel Cove, $37.50; Sunnybrae, $75; Sunnyside, No. 2, $75; Swift Creek, $150; Sylvania, $330; Tappen Siding, $195; Tappen Valley, $45; Telegraph Creek, $187.50; Thrums, $112.50; Tonkawatla, $187.50; Trout Creek, $150; Trout Lake, $150; Tulameen, $60; Turtle Valley, $37.50; Ucluelet, $45; Ucluelet Arm, $75; Ucluelet, East, $337.50; Union Bay, $450; Vananda, $900; Vanderhoof, $377.25; Vesuvius, North, $352.50; Waldo, $1,259.70; Walhachin, $75; Wanklyn,

Carried forward $1,694,467 24

No. of Vote.	SERVICE.		Expended.
	DEPARTMENT OF EDUCATION—*Concluded.*		
	STATUTORY EXPENDITURE—ADVANCES RE ASSESSED SCHOOL TAXES (CHAPTER 74, "PUBLIC SCHOOLS ACT AMENDMENT ACT, 1918") —*Concluded.*		
	Brought forward		$1,694,467 24
	$187.50; Wapta, $75; Wardner, $562.50; Waterloo, $202.50; Watmore, $112.50; Wellington, $225; Wellington, South, $937.50; Westbank Townsite, $450; Whaletown, $30; Williams Siding, $112.50; Willow River, $337.50; Wilmer, $300; Windermere, $75; Winlaw, $75; Wycliffe, $562.50; Wynndel, $375; Yale, $75; Ymir, $750	$137,155 67	
	Total expenditure, Advances *re* Assessed School Taxes		137,155 67
	Total expenditure, Department of Education		$1,831,622 91
	DEPARTMENT OF FINANCE.		
72.	MINISTER'S OFFICE.		
	Salaries ($8,700):		
	The Minister of Finance ..... Hon. John Hart	$ 6,000 00	
	Secretary ..... R. J. Hartley	1,860 00	
	Clerk and Stenographer ..... M. Wood	840 00	
		$ 8,700 00	
	Expenses ($1,957 77):		
	Office Supplies, etc.: Bond Buyer, $40.60; Brentano's, $9.34; B.C. Financial Times, $40; B.C. Tel. Co., $139.60; B.C. Veteran's Weekly, $2; C.P.R. Tel. Co., $377.33; Colonist P. & P. Co., Ltd., $33.85; Dominion Express Co., 75c.; Dominion Government Telegraphs, 25c.; Financial Pub. Co., $4.37; General Cartage Assn., $1; G.N.W. Tel. Co., $124.42; Harvard University Press, $2.75; T. N. Hibben & Co., $2.55; H.M. Customs, 50c.; Journal of Commerce Pub. Co., $3; King's Printer, $113.10; Macmillan Co. of Canada, $2.75; Monetary Times, $17.57; Montreal Financial Times, $22.50; McAinsh & Co., Ltd., $6; MacLean Pub. Co., Ltd., $3; National Tax Association, $10; Northwest Mining Truth, $3; postage, $73.24; Revelstoke Review Pub. Co., $16.50; Social Service Council of Canada, $1.50; Times P. & P. Co., Ltd., $38.60; Vancouver Daily Province, $41.80; Vancouver Daily Sun, $42.25; A. Wilson, $13.15; The World, $4	1,191 27	
	Travelling Expenses: Hon. John Hart	766 50	
	Total expenditure, Minister's Office		$ 10,657 77
73.	GENERAL OFFICE.		
	Salaries ($17,028.38):		
	Deputy Minister ..... W. J. Goepel	$ 4,200 00	
	Accountant ..... H. A. S. Morley	2,400 00	
	Chief Clerk ..... W. E. Graves	2,100 00	
	Cashier ..... A. C. Campbell	1,860 00	
	Clerks: W. W. Anderson ....$ 45 16; H. L. Harding ....$1,259 96; H. M. Finlayson .... 1,860 00; W. H. Keatinge .... 192 00; R. E. Hanson ..... 1,331 96; J. N. B. McWhinnie 939 30	5,628 38	
	Stenographer ..... M. Wilkinson	840 00	
	Carried forward	$ 17,028 38	$ 10,657 77

No. of Vote.	SERVICE.		Expended.
	DEPARTMENT OF FINANCE—*Continued.*		
73.	GENERAL OFFICE—*Concluded.*		
	Brought forward	$ 17,028 38	$ 10,657 77
	Expenses ($6,105.49):		
	Office Supplies, etc.: B.C. Telephone Co., Ltd., $105.28; Can. Bank of Commerce, $165.98; Can. Express Co., 55c.; C.P.R. Tel. Co., $133.62; Carter Elec. Co., $4.05; Colonist P. & P. Co., $960; Dominion Express Co., $12.85; Dominion Government Telegraphs, $4.80; G.N.W. Telegraph Co., $43.05; King's Printer, $1,667.78; London Guarantee and Accident Co., $40; F. R. Moore, $2.50; postage, $590.22; Sun Job Presses, $200; Victoria Typewriter Exchange, $20	3,950 68	
	Discount and Exchange, Legal Costs, etc.: Can. Bank of Commerce, $2,035.58; Glyn, Mills, Currie & Co., $108.16 F. F. O'Halloran, 71c.; Royal Bank, Quesnel, $13.65; Union Bank, Smithers, $2.65	2,160 75	
		$ 23,139 81	
	By cash	5 94	
	Total expenditure, General Office		23,133 87
74.	INSPECTOR OF TRUST COMPANIES, PROBATE AND SUCCESSION DUTIES.		
	Salaries ($4,000):		
	Inspector ..... W. U. Runnalls	$ 2,640 00	
	Stenographers: E. Huckell $120 00; K. Kitchin $540 00; D. H. Waites 700 00	1,360 00	
	Valuators of Estates, etc. ($5,900.20):		
	C. W. Appleyard $ 25 00; A. S. Ashwell 25 00; J. H. Ashwell 125 00; H. W. Bevan 25 00; G. Brown 25 00; A. B. Buckworth 50 00; W. A. Caldwell 25 00; A. R. Carrington 33 00; W. J. Clark 25 00; A. Coles 75 00; R. S. Conklin 75 00; L. U. Conyers 161 00; F. B. Cossitt 125 00; R. L. Cox 150 00; C. T. Cross 50 00; A. A. Cruickshank 25 00; H. G. Dalby 25 00; A. Deans 75 00; H. W. Dickie 50 00; P. Donnelly 600 00; J. Dorgan 87 50; A. B. Fraser 250 00; W. G. Fraser 25 00; E. C. Gibson 50 00; B. W. Gregory 74 20; R. Hanna 100 00; Harvey, Duggan & Co. 25 00; S. F. Henderson 25 00; A. B. Hogg 50 00; R. Ker Houlgate 415 00; D. Hurley 50 00; D. B. Johnstone 50 00; J. J. Johnston 25 00; G. E. Macdonald $500 00; S. F. Mark 25 00; T. Mathews 25 00; H. H. Mogridge 25 00; T. B. Monk 25 00; S. A. Moore 25 00; J. Mulgrew 25 00; J. I. Mutter 50 00; M. P. McCaffery 25 00; A. McCallum 25 00; G. McCuaig 425 00; N. A. McDiarmid 25 00; W. D. McFarland 210 00; W. J. McIntosh 25 00; J. A. McIvor 25 00; A. McKinnon 25 00; J. A. McLaughlin 25 00; McPherson & Fullerton Bros. 25 00; W. J. McQuillan 25 00; A. McRae 25 00; J. O'Shea 25 00; H. F. Page 25 00; A. D. Paterson 75 00; L. H. Patton 25 00; D. Poppy 25 00; A. M. Pound 100 00; R. A. Power 125 00; W. R. Prescott 25 00; D. H. Rattenbury 60 00; A. Reid 25 00; T. M. Roberts 50 00; J. C. Ross 50 00		
	Carried forward	$ 4,000 00	$ 33,791 64

No. of Vote.	SERVICE.	Expended.	
	DEPARTMENT OF FINANCE—*Continued.*		
74.	INSPECTOR OF TRUST COMPANIES, PROBATE AND SUCCESSION DUTIES —*Concluded.*		
	Brought forward	$ 4,000 00	$ 33,791 64
	Salaries—*Concluded.*		
	Valuators of Estates, etc.—*Concluded.*		
	F. Kaltenbach .....$ 25 00 B. T. Smith .....$ 50 00		
	H. F. Kergin ..... 25 00 J. H. Stubbs 27 00		
	F. F. Ketchum ..... 25 00 A. F. Sutherland ... 25 00		
	R. Kempton ..... 75 00 R. H. Swinerton ... 50 00		
	H. A. Laughlin ..... 25 00 F. White 25 00		
	J. M. Lawson ..... 25 00 J. H. Whittome 25 00		
	D. Leeming ..... 117 50 R. Williams 100 00		
	J. Lewis ..... 25 00 F. E. Winslow 65 00	5,900 20	
	Expenses ($976.68) :		
	Office Supplies, etc.:		
	B.C. Telephone Co., Ltd., $71.70; Burroughs & Co., Ltd., 75c.; C.P.R. Telegraph Co., $22.18; G.N.W. Telegraph Co., $1.99; King's Printer, $314.05; Macey Office Equipment Co., $107; Monetary Times, $3; postage, $170.66; Reliable Transfer Co., $1.55; Saturday Night, $3; Trust Companies Pub. Assn., $5 ..	700 88	
	Travelling Expenses:		
	W. U. Runnalls	275 80	
	Total expenditure, Inspector of Trust Companies, etc.		10,876 88
75.	CONTROLLING AND AUDIT BRANCH.		
	Salaries ($35,396.87) :		
	Comptroller-General .....A. N. Mouat	$ 5,000 00	
	Deputy Comptroller-General .....H. N. Wright	2,500 00	
	Accountant .....S. D. McHaffie	1,460 00	
	Secretary .....F. J. N. Fergusson	910 00	
	Auditor of Revenue .....A. B. McNeill	2,220 00	
	Travelling Auditors:		
	H. A. Munn .....$ 718 55 L. S. V. York $1,720 00		
	A. S. Tyrer 1,720 00	4,158 55	
	Stenographers:		
	A. A. O'Halloran .. 650 00 M. Frampton 100 70	750 70	
	Auditor of Disbursements .....H. N. Howard	2,220 00	
	Chief Clerk .....F. H. Harrison	1,600 00	
	Clerks:		
	W. W. Anderson .... 216 13 H. A. Jesse 1,720 00		
	J. E. Durand ..... 1,720 00 T. H. Mayne 1,460 00		
	A. Galbraith ..... 1,380 00 T. M. Service 480 00		
	J. H. Hodson 1,179 92	8,156 05	
	Stenographers:		
	L. Marboeuf ..... 910 00 E. M. Steele 780 00	1,690 00	
	Purchasing Agent .....J. Paterson	3,000 00	
	Clerk .....J. Smith	982 82	
	Stenographers:		
	T. G. Lees ..... 720 00 J. Lees 28 75	748 75	
	Expenses ($6,575.88) :	$ 35,396 87	
	Office Supplies, etc.:		
	B.C. News Co., Ltd., $27.55; B.C. Saddlery, Ltd., $34; B.C. Telephone Co., Ltd., $222.62; Can. Freight Assn., $7.10; C.P.R. Telegraph Co., $44.42; Dominion Express Co., $1.15; Dominion Government Telegraphs, 92c.; Dow, Jones & Co., $15; Finance Publishers, Ltd., $2; W. S. Fraser & Co., Ltd., 25c.; G.N.W. Telegraph Co., $8.66; H. Harkness & Son, $3; T. N. Hibben & Co., $1.75; Imp. Guarantee & Accident Insurance Co., $8; King's Printer, $1,579.82; Lemon, Gonnason & Co., Ltd., $27.75; London & Lancashire Guarantee & Accident Co., $24; Macey Office Equipment Co., $74.80; McGraw-Hill Book Co., $2; MacLean Pub. Co., $3; Peerless Key Co., $4.05; postage,		
	Carried forward	$ 35,396 87	$ 44,668 52

No. of Vote.	SERVICE.		Expended.
	DEPARTMENT OF FINANCE—*Continued.*		
75.	CONTROLLING AND AUDIT BRANCH—*Concluded.*		
	Brought forward	$ 35,396 87	$ 44,668 52
	Expenses—*Concluded.*		
	Office Supplies, etc.—*Concluded.*		
	$154.72; Public Works Dept., $75.75; Reliable Transfer Co., 35c.; Remington Typewriter Co., $592.50; Smith & Champion, $30.75; Sweeney-McConnell, Ltd., $5; Vic. Book & Stationery Co., $75.55; Victoria Typewriter Exchange, $20; Waites & Knapton, $1.50	3,047 96	
	Travelling Expenses:		
	A. N. Mouat, $210.85; A. B. McNeill, $890.70; J. Paterson, $121.95; A. S. Tyrer, $1,242.15; H. N. Wright, $9.22; L. S. V. York, $1,053.05	3,527 92	
	Total expenditure, Controlling and Audit Branch		41,972 75
76.	SURVEYOR OF TAXES.		
	Salaries ($9,200.43):		
	Surveyor of Taxes ..... E. E. Leeson	$ 2,700 00	
	Asst. Surveyor or Taxes ..... V. C. Martin	2,400 00	
	Clerks:		
	A. Hamilton ..... $ 842 50 C. S. McKilligan .. $1,500 00		
	E. P. Kay 362 93	2,705 43	
	Stenographers:		
	M. F. Challes ..... 900 00 M. McGee 495 00	1,395 00	
	Expenses ($76,239.68):	$ 9,200 43	
	Office Supplies, etc.:		
	B.C. Saddlery Co., Ltd., $3.75; B.C. Telephone Co., Ltd., $208.71; Burroughs Adding Machine Co., $867.30; C.P.R. Telegraphs, $301.62; Carter Electric Co., $7.65; Dominion Express Co., $15.75; Dominion Government Telegraphs, $4.23; R. G. Dun & Co., $100; W. S. Fraser & Co., 25c.; G.N.W. Tel. Co., $11.80; Hawkins & Hayward, $46.81; T. N. Hibben & Co., $7.75; King's Printer, $2,428.36; Macey Office Equipment Co., $750.55; McGraw-Hill Book Co., $5; New Republic Pub. Co., $25; J. Page, $16; Peerless Key Co., $4.50; postage, $226.04; Progress Pub. Co., $1.30; Public Works Dept., $33.15; Victoria Book and Stationery Co., $7.50; Weiler Bros., Ltd., $53.75	5,126 77	
	Travelling Expenses:		
	E. E. Leeson, $79.60; V. C. Martin, $142.20; W. Vesey, $24.89	246 69	
	Commissions on Collection of Revenue:		
	G. H. Adam, $62.75; W. E. Adams, $39.75; L. A. Agassiz, $104.12; W. Allan, 50c.; G. L. Anderson, $17.50; E. Archibald, $1; R. F. Archibald, $13.95; T. J. Armstrong, $371.92; P. C. Badman, $71.25; C. G. Barber, $53.25; N. J. Barwick, $52; F. W. Bealton, $30; H. Bennett, $5; J. L. Bethurem, $56.45; F. G. Bews, $2; K. F. Birchall, $11.50; J. T. Black, $1; G. S. Blue, $80.32; J. Boardman, $40.50; T. H. Boothe, $2; T. H. Boothroyd, $3.50; J. Bourne, $102.75; R. W. Bowen, $44.50; J. H. Bowering, 50c.; W. Bramwell, $6.25; L. A. Brown, $22; F. G. Brown, $47.50; J. N. Brown, $28.50; B. Brynildsen, $16.13; W. Bunting, $14.50; E. Burgoyne, $6.75; T. Carney, $159.30; P. Carr, $11.50; A. Carter, $4.25; G. A. Carter, $33; H. Carter, $6.25; J. A. Catherwood, $4.50; J. W. Chadwick, $9.50; S. Cline, $42.02; P. Close, $15.75; T. J. Cook, $10.50; Cunningham Hdwre. Co., $6.25; M. A. Curwen, $4; T. Dames, 50c.; A. Davies, $20.50; W. J. Davies, $7; T. Deasy, 50c.; L. P. DeLair, $7.75; W. H. Docksteader, $5.75; Drake Hardware Co., $1.50; A. Dryden, $14.50; G. J. Duncan, $8; F. H. Dunn, $22; W. J. Dunseith, $28.25; J. R. Edwards, $24.25; E. Elliott, $9.50; Ellis & Brown, $21.05; F. N. Emmott, $35; R. T. Evans, $47.12; E. Evenson, $46.75; A. Fairbairn, $67; A. E. Farey, $26; G. Fennell, $28.23; H. Finley, $15.85; J. A.		
	Carried forward	$ 14,573 89	$ 86,641 27

No. of Vote.	SERVICE.	Expended.	
	DEPARTMENT OF FINANCE—*Continued.*		
76.	SURVEYOR OF TAXES—*Continued.*		
	Brought forward	$ 14,573 89	$ 86,641 27

Expenses—*Continued.*

Commissions on Collection of Revenue—*Continued.*

Flett, Ltd., $69.25; F. M. Forknall, $17.50; I. Fougner, $1; W. Fox, $11.90; F. I. Fraser, $16.67; J. A. Fraser, $2.25; L. Fraser, $42.25; F. H. French, $88.23; E. Gammon, $39.50; E. C. Gibbs, $1.50; R. Gibson, $6; W. H. Gibson, $2; J. E. Gilbert, $16.50; M. Gorman, $13; E. C. Graham, $25; G. Grinder, $13.97; A. Guelette, $7.75; G. F. Guernsey, $8; G. Gunn, $50; W. M. Halliday, 50c.; J. Hannay, $6.50; T. W. Hanson, $9.45; D. J. Harding, $6.75; H. V. Harris, $39.75; Harris & Smith, $12.75; C. Harrison, $63.79; W. R. Henley, $58.25; W. Hill, $4; A. R. Horne, $15.75; L. P. Howe, $34.50; G. H. Howieson, $14.25; H. Hughes, $51.75; B. Hughes-Games, 50c.; E. H. T. Hyde, $74.41; P. S. Jack, $385.22; R. R. Jeffrey, $7; G. A. Johnson, $40; J. Johnson, $7.50; J. F. Johnson, $45.50; A. G. Johnston, $41.23; J. F. Johnston, $60.75; S. D. Johnston, $46.75; P. W. Jupp, $35; P. R. Keay, $9.75; J. Kelly, $19.50; G. A. Kennington, $113.93; C. Kerr, $10; J. Kerr, $38.32; F. F. Ketchum, $46.69; C. J. Kettyle, $4.50; A. Kingsley, $12; T. J. Kirkpatrick, $54.67; J. B. Knowles, $10; W. H. Laird, $9.75; R. Lamont, $34.81; C. M. Lancaster, $2.50; M. Larsen, $5; S. Larsen, $15.56; G. Leece, $71.27; O. Lifton, $15.25; W. H. Lines, $26.75; J. L. Logie, $27.50; J. H. Lyne, $6; T. W. Lytle, $3.40; A. Macdonald, $13; R. C. Macdonald, $18.32; G. A. Mapes, $5.50; H. D. Mainwaring, $20.75; S. Marshall, $10; C. H. Martin, $18.50; Martin, Finlayson & Mather, $36.25; T. G. Mason, $5; A. D. Matheson, $33; J. Mead, $12.50; R. F. Mills, $19.25; A. C. Minty, $11; O. J. Monk, $18; W. Morgan, $41.83; F. L. Mosher, $42.58; J. A. Muir, $1.50; L. Mulvany, $15.75; A. C. Murray, $18.25; A. D. I. Mustart, $66; W. McCrea, $31.25; T. H. McCubbin, $41.25; C. J. McDonald, $543.97; D. A. McDonald, $3.50; D. McDonald, $6.50; R. McDonald, $19.25; J. A. McDougall, $50.70; W. J. McIntosh, $13.50; H. McLaren, $19.50; B. McLellan, $19; McLennan, McFeely & Co., $47; H. McMartin, $3; S. J. McNally, $6.75; A. McNeill, $17; T. McNeish, $173.20; M. C. McPhail, $25.75; A. M. Noble, $19.50; W. Noel, $54.52; R. W. Northey, $70.70; F. F. O'Halloran, $23.50; P. O'Hara, $1.25; J. Page, $397.97; J. Palmer, $1.50; Paine & McMillan, $8.75; W. J. Parham, $23.17; J. H. Parkin, $47.50; W. Parkinson, $4.75; R. W. Patten, $44.25; J. A. Pauline, $7.50; A. M. Pearman, $18; L. R. Pearse, $13.50; Peden Bros., $132.50; J. Pelly, $143.60; S. Percival, 50c.; C. C. Perry, $9.50; T. A. Perry, $1; J. D. Pettigrew, $2.50; Pichon & Lenfesty, $106.25; E. Pope, $43.75; J. A. Porter, $10.25; R. Pritchard, $40.75; L. Raper, $45.77; J. Renner, $26; F. G. Richards, $199.50; G. Robertson & Son, $3.25; E. H. Robinson, $24.50; J. N. Rogers, $7.50; T. H. Rotheram, $13.75; R. Rushford, $30; J. Russell, $7.50; S. S. Saunders, $4.25; J. P. Scarlett, $21.25; W. Scott, $7.47; J. W. Sheil, $43.75; O. A. Sherberg, $105.40; G. Shipman, $13; H. J. Simpson, $7.50; W. Simpson, $13.20; W. S. Simpson, $1.50; C. O. Sjoquist, $2; P. R. Skinner, $33.53; W. H. Snell, $2; T. Somerville, $59.50; F. W. Squires, $2; G. Stanfield, $41.50; W. B. Steele, $27.15; Stelly & Geiger, $8; W. B. Stewart, $30.75; A. W. Stone, $13.50; A. Strang, $9.50; W. A. Strutt, $105.21; R. J. Sutherland, $32.75; C. Tame, $6.75; A. D. Taylor, $3.50; G. Taylor, $9.50; H. Taylor, $108.25; J. Taylor, $6.25; I. Thompson, $18.22; J. Thompson, $29.75; T. J. Thorp, $161.19; Thulin Bros., $6.25; E. D. Thwaites, $13.75; Tisdall's, Ltd., $142; C. Tucker, $45; H. Twidle, $16.35; E. Ursin, 20c.; A. E. Vachon, $50.50; H. Vickers, $3; Victoria Sporting Goods

	Carried forward	$ 14,573 89	$ 86,641 27

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF FINANCE—*Continued.*			
76.	SURVEYOR OF TAXES—*Continued.*			
	Brought forward		$ 14,573 89	$ 86,641 27
	Expenses—*Continued.*			
	Commissions on Collection of Revenue—*Concluded.*			
	Co., $12.50; A. Waddell, $32.25; J. Walsh, $54.34; E. Walter, $864.99; S. B. Warner, $1.62; F. W. Warren, $7.50; M. White, $5.25; H. Williams, $16.25; E. J. Wilson, $16.50; H. J. Wilson, $4.25; H. A. Wing, $13; W. W. Winn, $6.25; H. N. Wood, $23.50; Wood, Vallance & Leggat, Ltd., $15; J. M. Wright, $30; A. Yates, $15.50		9,421 43	
	Special Auditors, Salaries and Expenses:			
	W. Hagger, salary, $861.32; expenses, $49.95	$ 911 27		
	V. C. Martin, expenses	96 40		
	R. H. Stewart, salary, $500; expenses, $57.60	557 60		
	W. Vesey, salary	1,390 00		
	R. C. Welch, salary	44 36		
	W. Wilson, salary $615.30; expenses, $117.30	732 60		
	L. Wootton, salary	244 16		
	Sundry Expenses:			
	King's Printer, $124.30; Office Specialty Mfg. Co., $21; Reliable Transfer Co., 75c.	146 05		
			4,122 44	
	Reassessment of Province:			
	W. Adams, salary, $120.97; expenses $64.25	$ 185 22		
	A. C. Anderson, salary, $87.58; expenses, $56.05	143 63		
	A. Beatty, salary, $691.93; expenses, $717.50	1,409 43		
	C. L. Bechtel, salary, $604.84; expenses, $459.14	1,063 98		
	A. E. Bennett, salary, $275.16; expenses, $226.30	501 46		
	P. T. Bloomer, salary, $405; expenses, $107.25	512 25		
	F. H. Bourne, salary, $270	270 00		
	A. E. Brown, salary, $385; expenses, $194.40	579 40		
	N. R. Brown, expenses	322 75		
	F. Burnett, expenses	79 25		
	W. A. Calder, salary, $180; expenses, $131.80	311 80		
	W. A. Caldwell, salary, $607.74; expenses, $709.90	1,317 64		
	J. C. Campbell, salary, $191.93; expenses, $113.60	305 53		
	F. W. Clingan, salary, $885; expenses, $796.65	1,681 65		
	W. Denholm, salary, $769.35; expenses, $271.10	1,040 45		
	L. L. DeVoin, salary, $380; expenses, $142.80	522 80		
	W. M. Dicken, salary, $488.71; expenses, $474.15	962 86		
	R. A. Dorrell, salary, $212.90; expenses, $101	313 90		
	T. Duggan, salary, $236.77; expenses, $177.40	414 17		
	R. Evans, salary, $555; expenses, $208.70	763 70		
	E. Exton, salary, $666.29; expenses, $653.21	1,319 50		
	S. A. Fletcher, salary, $387.10; expenses, $191.25	578 35		
	G. Forrest, salary, $675.97; expenses, $204.65	880 62		
	J. A. Fraser, expenses	12 00		
	G. N. Gilchrist, salary, $750; expenses, $132.10	882 10		
	G. W. Gowland, salary, $335; expenses, $238	573 00		
	J. B. Holmes, salary, $600; expenses, $442.90	1,042 90		
	W. Holmes, salary, $750; expenses, $214.60	964 60		
	J. E. Hooson, expenses	24 30		
	H. P. Horan, salary, $590.32; expenses, $729.35	1,319 67		
	D. James, salary, $438	438 00		
	S. S. Jarvis, expenses	7 00		
	W. Jones, salary, $345.95; expenses $224.50	570 45		
	R. F. Leighton, salary, $904.83; expenses, $1,257.75	2,162 58		
	D. Lewis, salary, $435; expenses, $202	637 00		
	J. A. Manahan, salary, $558.70; expenses, $525.40	1,084 10		
	M. B. Martinson, salary, $385; expenses, $138.80	523 80		
	W. Maxwell, salary, $334; expenses, $124.35	458 35		
	W. H. B. Medd, salary, $196.05; expenses, $193	389 05		
	A. H. Menzies, salary, $254.07; expenses, $47.95	302 02		
	Carried forward	$ 26,736 26	$ 28,117 76	$ 86,641 27

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF FINANCE—*Continued.*			
76.	SURVEYOR OF TAXES—*Continued.*			
	Brought forward	$ 26,736 26	$ 28,117 76	$ 86,641 27
	Expenses—*Continued.*			
	Reassessment of Province—*Concluded.*			
	T. Menzies, salary, $615; expenses, $212	827 00		
	G. Mickleborough, salary, $455.11; expenses, $534.60	989 71		
	W. H. Montgomery, salary, $720.96; exp., $357.95	1,078 91		
	C. Moore, salary, $563.70; expenses, $126.45	690 15		
	H. D. Morten, expenses	228 75		
	E. H. Mortimer, salary, $769.35; expenses, $160.06	929 41		
	H. A. Munn, salary, $335; expenses, $121.10	456 10		
	H. Murray, salary, $191.20; expenses, $11.85	203 05		
	E. H. Mutch, salary, $544.52; expenses, $702.75	1,247 27		
	N. McCallum, salary, $788.73; expenses, $322.10	1,110 83		
	D. C. McDonald, salary, $464.52; expenses, $220.90	685 42		
	R. C. McDonald, salary, $362.87; expenses, $186.75	549 62		
	R. M. McGusty, expenses	114 25		
	A. P. McInnis, salary, $546.29; expenses, $395.68	941 97		
	D. McKay, salary, $357.73; expenses, $86.20	443 93		
	J. W. McKenzie, salary, $650; expenses, $401.25	1,051 25		
	A. McQueen, expenses	1 80		
	E. Norman, salary, $539.12; expenses, $277.10	816 22		
	M. F. Nourse, salary, $636.93; expenses, $478.80	1,115 73		
	H. Ohlsen, salary, $300; expenses, $179.75	479 75		
	S. A. Pool, salary, $595; expenses, $596.05	1,191 05		
	D. H. Rattenbury, salary, $449.99; exps., $554.90	1,004 89		
	G. Sanborn, expenses	171 75		
	A. L. Smith, salary, $479.02; expenses, $325.20	804 22		
	G. A. Smith, salary, $643.55; expenses, $754	1,397 55		
	G. H. Sproule, salary, $181.50; expenses, $81.50	263 00		
	D. J. Stewart, salary, $418.55; expenses, $171.37	589 92		
	J. Stewart, salary, $658.05; expenses, $352.30	1,010 35		
	J. A. Thomas, salary, $670; expenses, $455.75	1,125 75		
	H. R. Townsend, expenses	2 50		
	W. E. Truesdale, salary, $590; expenses, $226.40	816 40		
	R. D. Tweedie, expenses	52 85		
	L. Vibbard, salary, $430.64; expenses, $239.92	670 56		
	D. Wadds, salary, $255; expenses, $65.65	320 65		
	G. Ward, salary, $450; expenses, $525.98	975 98		
	C. H. West, salary, $444.84; expenses, $216.35	661 19		
	E. Walter, expenses	10 00		
	J. White, salary	270 00		
	J. Williams, salary	88 80		
	R. E. Williams, salary, $559.50; expenses, $361.75	921 25		
	H. H. Worthington, salary, $430.64; exps., $263.60	694 24		
	B.C. Telephone Co., $11.30; C.P.R. Tel. Co., $46.74; J. Couldwell, $5.05; Dominion Telegraphs, $15.90; G.N.W. Tel. Co., $1.95; King's Printer, $470; M. O'Reilly, $12	589 64		
		$ 54,438 22		
	By cash	20 45		
	Total expenditure, Reassessment of Province		54,417 77	
	Courts of Appeal:			
	F. T. Abey, services, $120; expenses, $2.80	$ 122 80		
	J. A. Brown, services, $50; expenses, $28.10	78 10		
	S. C. Burton, services, $90; expenses, $23.20	113 20		
	A. Carss, services	50 00		
	H. N. Coursier, services $70; expenses $21.85	91 85		
	E. A. Crease, services, $45; expenses, $9.65	54 65		
	D. Downie, services	517 50		
	Carried forward	$ 1,028 10	$ 82,535 53	$ 86,641 27

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF FINANCE—*Continued.*			
76.	SURVEYOR OF TAXES—*Concluded.*			
	Brought forward	$ 1,028 10	$ 82,535 53	$ 86,641 27
	Expenses—*Concluded.*			
	Courts of Appeal—*Concluded.*			
	J. Eggert, services	10 00		
	T. S. Futcher, services, $435; expenses, $216.90 ..	651 90		
	D. Graham, services, $120; expenses, $49.20	169 20		
	F. W. Howay, services	40 00		
	W. Lakeland, services, $50; expenses, $17.80	67 80		
	A. B. Macdonald, services, $100; expenses, $15 ...	115 00		
	W. S. Simpson, services	10 00		
	R. W. Taylor, services, $70; expenses, $44.70	114 70		
	F. Webb, services	40 00		
	Ashcroft Journal, $6; J. A. Bates, $9.75; J. Bulman, $17.65; Cariboo Observer, $43.52; Comox Argus, $1.56; Cowichan Leader, $5.04; Cranbrook Herald, $8.80; Creston Review, $8.80; District Ledger, Fernie, $7.20; R. Evans, $40; H. P. Horan, $2; Houghton & Evans, $1.20; Interior News, $3.60; Islander P. & P. Co., $2.40; W. Jones, $73.10; Kamloops Telegram, $4.48; King's Printer, $123.65; Kootenaian, $7; P. J. MacKay, $44.50; M. B. Martinson, $40; A. H. Menzies, $7.50; Merritt Herald, $3.36; W. H. Montgomery, $8; E. W. Mutch, $40.55; N. McCallum, $10; Nanaimo Herald, $19.30; Nelson Daily News, $8.75; E. Norman, $15.50; Penticton Herald, $3.75; Port Alberni News, $12.96; Prince Rupert Daily News, $2.50; Princeton Star, $3; Revelstoke Review, $10.08 Sidney & Islands Review, $4.08; Times P. & P. Co., $20.20; W. E. Truesdale, $52; Vancouver Daily Sun, $3.60; F. H. C. Wilson, $5	680 38		
			2,927 08	
	Total expenditure, Surveyor of Taxes			85,462 61
77.	BUREAU OF INFORMATION.			
	Salaries ($1,564.82):			
	Clerk in Charge ..... H. W. Hart		$ 654 80	
	Clerk in Charge ..... F. Mellor		610 02	
	Temporary assistance ..... W. W. Baer		300 00	
			$ 1,564 82	
	Expenses ($904.71):			
	Office Supplies, etc.:			
	Canadian Annual Review, $10.01; Dominion Express Co., $1.32; King's Printer, $49.20; postage, $78.78		139 31	
	Pamphlets, Editing, and Sundry Expenses:			
	W. W. Baer, $4.80; Colonist P. & P. Co., Ltd., $245.40; H. C. McLean Co., Ltd., $4; King's Printer, $385.20; Progress Publishing Co., $126		765 40	
	Total expenditure, Bureau of Information			2,469 53
78.	AGENT-GENERAL'S OFFICE, LONDON, ENGLAND.			
	Salaries ($15,143.86):			
	Acting Agent-General ..... J. H. Turner (8 mos.)		$ 2,666 56	
	Secretary ..... J. A. Turner (8 mos.)		1,933 20	
	Agent-General ..... F. C. Wade (7½ mos.)		5,000 00	
	Secretary ..... W. A. Blair (5 mos. 11 days)		1,606 45	
	Pay-lists ..... Office staff		3,212 70	
	J. A. Turner ..... 3 mos. salary in lieu of notice		724 95	
	Carried forward		$ 15,143 86	$ 174,573 41

No. of Vote.	SERVICE.			Expended.	
	DEPARTMENT OF FINANCE—*Continued.*				
78.	Agent-General's Office, London, England—*Continued.*				
	Brought forward			$ 15,143 86	$ 174,573 41
	Expenses ($11,688.26):				
	Office Supplies, etc.:				
	British Empire & Russia League, $9.70; British Sports and Sportsmen, $42.44; A. Burr, $1,103.27; Canada Newspaper Co., $29.63; Can. Annual Review, $5.13; Can. Bank of Commerce, $33.86; Can. Gazette, Ltd., $3.64; Can. Pac. Ocean Services, $15; C.P.R. Co., $24.89; Carter, Patterson & Co., $5.56; Charing Cross Hospital, $5.09; Chubb & Sons, $12.61; Columbian Co., Ltd., $15; Cooke's Mimeo Co., $6.06; Creston Review, $2; Debenham & Freebody, $20.01; Empire Pub. Co., $6; Eyre & Spottiswoode, $2.71; Financier & Bullionist, 50c.; Gazette, Montreal, $5.82; Globe, Wernicke Co., Ltd., $44.62; Ind. Progress & Commercial Record, $4.50; Jr. Army & Navy Stores, $15.27; Kekewich, Smith & Kaye, $355.87; Kelly's Directories, Ltd., $10.91; King's Printer, $200.09; London Chamber of Commerce, $2.43; Mansford & Son, $261.70; Meadows & Co., $6.20; Mines Pub. Co., $5.82; Nanaimo Herald, $5; W. B. Perrier, $485; petty cash, $1,438.68; Postmaster-General, $223.10; Price, Waterhouse & Co., $432.86; H. Rees, Ltd., $1.09; Remington Typewriter Co., $19.40; Romeike & Curtis, $8.12; Sifton, Praed & Co., Ltd., $3.64; Sisters of Nazareth, $5.09; W. H. Smith & Son, $61.33; Straker Bros., Ltd., $244.44; Technical Journals, $5.09; Underwood Typewriter Co., $6.06; Vancouver Dly. Sun, $7.98; Victoria Dly. Colonist, $5; Victoria Dly. Times, $4; C. J. Walker, $30.55; Waterlow & Sons, Ltd., $294.51; Western Union Tel. Co., $451.89; Wrigley Directories, $9.98; war bonus, office staff, $171.19	$ 6,170 33		
	Travelling Expenses:				
	F. C. Wade, $1,230.21; W. A. Blair, $1,229.91	2,460 12			
	Advertising:				
	Can. Daily Record, $145.14; C.R.O. Bulletin, $20.37; The Field, $28.13; Societe Anonyme Didot Bottin, $6.31; C. J. Walker, $2,857.86	3,057 81			
				11,688 26	
	British Columbia House, London ($49,748.06):				
	Interest on Mortgage:				
	W. Cubitt & Co.	$ 7,528 65			
	Ground-rent:				
	Commissioners of H. M. Woods	12,125 00			
	Rates and Taxes:				
	City of Westminster	12,183 32			
	Income-tax:				
	F. A. Ashmead (collector)	6,549 70			
		$ 38,386 67			
	Maintenance and Repairs to Building:				
	B. Luxfer Prism Synd., $57.60; T. Doe, $7.27; Gibb, Son & Co., $25.46; J. Gray, Ltd., $509.73; Harrods', Ltd., $53.35; Holland & Hannen, $516.87; LeGrand & Sutcliff, $211.66; Pte. Tel. and Electric Co., $4.73; Sunderland & Co., $320.30; Trollope & Colls, $1,521.47; Waygood-Otis, Ltd., $48.25	3,276 69			
	Insurance:				
	Guardian Assurance Co., $51.74; Sun Insurance Co., $411.52	463 26			
	Carried forward	$ 42,126 62		$ 26,832 12	$ 174,573 41

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF FINANCE—*Continued.*			
78.	AGENT-GENERAL'S OFFICE, LONDON, ENGLAND—*Concluded.*			
	Brought forward	$ 42,126 62	$ 26,832 12	$ 174,573 41
	British Columbia House, London—*Concluded.*			
	Fuel and Light: Gas, Light & Coke Co., $12.37; Levy & Son, $1,563.32; St. James & Pall Mall Electric Light Co., Ltd., $1,109.54	2,685 23		
	Cleaning and Janitors' Supplies: British Central Window Cleaning Co., $110.35; City Office Towel Supply, $46.09; E. Clarke, $58.20; L. & S.E. Packing Co., $435.10; Paget & Son, Ltd., $40.61; pay-lists, $4,404.38; petty cash, $63.60; Swan & Edgar, $9.80	5,168 13		
		$ 49,979 98		
	By cash	231 92		
			49,748 06	
	Total expenditure, Agent-General's Office			76,580 18
	GOVERNMENT AGENTS AND ASSESSORS, ETC.			
79.	ALBERNI AGENCY.			
	Salaries ($5,252.73): Agent and Assessor: A. G. Freeze (9 mos.) $1,410 00 J. E. Hooson (3 mos.) $529 98	$ 1,939 98		
	Clerk and Registrar, County Court ... A. W. Lee	1,544 00		
	Clerks: A. G. Freeze $330 00 G. C. Roff $735 00	1,065 00		
	Stenographer ... E. Croll	163 75		
	Janitor ... J. R. Packard	540 00		
	Expenses ($694.85):	$ 5,252 73		
	B.C. Telephone Co., $58.80; J. J. Burke, $5.50; City of Alberni, $27.72; Dominion Express Co., $9.95; Dominion Government Telegraphs, $8.34; Government Agent, $63.75; King's Printer, $145.23; R. W. Lindsay, $4; W. Monteith & Co., $8; E. R. Paine, $13.95; Port Alberni P. & P. Co., $5.36; postage, $311; Royal Bank of Canada, $4.27; G. Shead, $22.50; Thomson's General Store, $3.20; W. Lee, $3.28	694 85		
	Total expenditure, Alberni Agency		$ 5,947 58	
80.	ANYOX AGENCY.			
	Salaries ($2,080): Agent ... H. Andrew	$ 1,860 00		
	Temporary assistance ... F. A. Waugh	220 00		
	Expenses ($783.84):	$ 2,080 00		
	H. Andrew, $38.20; Canadian Express Co., $4.93; J. Conway, $42.45; Dominion Government Telegraphs, $20.71; Granby C. M. S. & P. Co., $426.52; King's Printer, $178.14; Lew Ling, $2; London & Lancashire Guarantee & Accident Co. of Canada, $8; Operator, Wireless Station, $1.46; Pacific Cartage, Ltd., $2.08; postage, $42; Provincial Mental Hospital, $8.35; J. R. Stewart, $9	783 84		
	Total expenditure, Anyox Agency		2,863 84	
	Carried forward		$ 8,811 42	$ 251,153 59

No. of Vote.	SERVICE.		Expended.	
	DEPARTMENT OF FINANCE—*Continued.*			
	GOVERNMENT AGENTS AND ASSESSORS, ETC.—*Continued.*			
	Brought forward		$ 8,811 42	$ 251,153 59
81.	ASHCROFT AGENCY.			
	Salaries ($3,538.50):			
	Agent and Assessor .....H. P. Christie	$ 2,099 00		
	Clerk .....F. S. Spain	1,340 00		
	Temporary assistance:			
	H. S. Lawson ...$19 00 M. E. Moreton ..$80 50	99 50		
	Expenses ($959.77):	$ 3,538 50		
	Ashcroft W. E. & Imp. Co., $44.55; Buckerfield & Co., $110.77; H. P. Christie, $75; Dominion Express Co., $16.68; Dominion Govt. Telegraphs, $59.33; M. Dumond, $3.55; King's Printer, $95.65; London Guarantee & Accident Co., Ltd., $8; D. McDonald, $3.90; Northern Elec. Co., $11.36; postage, $200; Remington Typewriter Co., $4.68; F. S. Spain, $12.15; West Disinfecting Co., $12.50; J. White, $301.65	959 77		
	Total expenditure, Ashcroft Agency		4,498 27	
82.	ATLIN AGENCY.			
	Salaries ($6,068.75):			
	Agent and Gold Commissioner, etc. .....J. A. Fraser	$ 2,400 00		
	Clerk .....W. G. Paxton	1,660 00		
	Stenographer .....J. C. McDonald	650 00		
	Temporary assistance:			
	J. Allan Fraser $538 25 M. McDonald ...$49 50	587 75		
	Janitor .....F. E. Litle	771 00		
	Expenses ($1,758.38):	$ 6,068 75		
	L. B. Ager, $48.50; G. Bidding, $33.50; Dominion Govt. Telegraphs, $170.35; J. Eggert, $13; P. Gabrio, $4; Griffith Company, $3.15; D. L. Hall, $21; J. B. Kershaw, $122.15; King's Printer, $107.27; London Guarantee Co., Ltd., $16; J. Marshall, $131.25; M. J. McDonald, $112.20; G. W. A. Neville, $240; Pandora Sail & Tent Factory, $31.26; W. G. Paxton, $3.75; postage, $102; L. Schultz, $75.75; S. Smith, $32.50; J. Stokes, $15; E. W. Tallmire, $5; Wells, Fargo & Co., $5; White Pass & Yukon Route, $7.85; J. Williams, $457.90	1,758 38		
	Total expenditure, Atlin Agency		7,827 13	
83.	BARKERVILLE SUB-AGENCY.			
	Salaries ($2,453.70):			
	Gold Commissioner, etc.:			
	C. W. Grain ..$522 46 L. A. Dodd ..$1,257 54	$ 1,780 00		
	Stenographers:			
	M. Grain ..... 218 70 A. C. Dodd ...$455 00	673 70		
	Expenses ($465.90):	$ 2,453 70		
	Dominion Govt. Telegraphs, $12.58; F. Harper, $186.28; King's Printer, $67.49; W. V. Livingstone, $9.06; London Guarantee & Accident Co., Ltd., $4; W. F. McCarthy, $34.40; D. McIntyre, $9; Northern Crown Bank, $2.25; F. F. O'Halloran, 34c.; postage, $50.50; J. Stevens, $48; A. Wallace, $42	465 90		
	Total expenditure, Barkerville Sub-agency		2,919 60	
	Carried forward		$ 24,056 42	$ 251,153 59

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF FINANCE—*Continued.*			
	GOVERNMENT AGENTS AND ASSESSORS, ETC.—*Continued.*			
	Brought forward		$ 24,056 42	$ 251,153 59
84.	CLINTON AGENCY.			
	Salaries ($4,025.25):			
	Agent ..... G. Milburn	$ 2,040 00		
	Clerk ..... R. A. Dorrell	1,080 40		
	Stenographer ..... D. Barton	780 00		
	Temporary assistance ..... H. Boothman	124 85		
	Expenses ($1,011.98):	$ 4,025 25		
	Bank of Montreal, 95c.; Bank of B.N.A., $1.60; T. Barton, Jr., $124.85; M. P. Botterell, $35; S. S. Boyd, 50c.; R. S. Crowl, $22; Dominion Govt. Tel., $50.62; M. Dumond, $3.75; R. Fraser, $39.50; J. B. Haddad, $3.50; H. P. Horan, $9.05; Inland Express Co., $95.66; F. Jeune & Bro., Ltd., $8.85; King's Printer, $161.47; London & Lancashire G. & A. Co., $12; G. Milburn, $84.75; J. Moses, $75; J. McLean, $30; P.G.E. Rly. Co., $1.23; T. Paxton, $34.45; F. Peters, 25c.; postage, $180; United Typewriter Co., $22; R. Yorston, $15	1,011 98		
	Total expenditure, Clinton Agency		5,037 23	
85.	CRANBROOK AGENCY.			
	Salaries ($9,018.58):			
	Agent, Assessor, etc. ..... N. A. Wallinger	$ 2,100 00		
	Clerk and Registrar ..... R. T. Williams	778 23		
	Chief Clerk ..... C. M. Ormiston	134 85		
	Clerks:			
	W. Guthrie ..$1,372 50 J. E. Kennedy ..$885 00			
	G. Higgins ... 645 00 J. F. Smith ... 728 00	3,630 50		
	Stenographer ..... E. M. McPhee	825 00		
	Janitor ..... E. B. Offin	1,050 00		
	Temporary assistance ..... F. H. Worthington	500 00		
	Expenses ($2,530.05):	$ 9,018 58		
	Beattie-Murphy Co., $173.70; Beattie-Noble Co., $4.85; R. Benbow, $130; C.P.R. Telegraph Co., $32.73; R. C. Carr, $13.40; City of Cranbrook, $75.60; City Transfer & Warehouse Co., $164.41; Cranbrook Drug & Book Co., $1.75; Cranbrook Elec. Light Co., $77.05; Cranbrook Herald, $14.50; Cranbrook Hotel, $22.65; Cranbrook Saddlery Co., $1.25; K. Coolidge, $10; District Ledger, $2.52; R. Dixon, $5; Dominion Express Co., $8.28; Fernie Free Press, $3.60; J. Gard, $53; Griffith Co., $9.38; W. Guthrie, $55.41; M. B. Heath, $300; A. E. Jones, $64.75; Jones & Doris, $3; King's Printer, $346.50; Kootenay Tel. Lines, $111.60; T. W. Lytle, 25c.; C. Manners, $15; J. Manning, $41.60; Martin Bros., $2; McK. Morrison, $35; J. D. McBride, $4.50; E. B. Offin, $9; F. Parks & Co., $34.98; Patmore Bros., $8.90; postage, $470; J. Ryan Estate, $100; T. Taylor, $13.50; N. A. Wallinger, $54.49; J. Walsh, $2.25; A. Watson, $6.20; C. West, $35; R. T. Williams, $10.95; W. H. Wilson, $1.50	2,530 05		
	Total expenditure, Cranbrook Agency		11,548 63	
86.	CUMBERLAND AGENCY.			
	Salaries ($4,520):			
	Agent and Assessor ..... J. Baird	$ 2,100 00		
	Clerks:			
	C. H. Grant..$1,460 00 H. Norris $960 00	2,420 00		
	Carried forward	$ 4,520 00	$ 40,642 28	$ 251,153 59

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF FINANCE—*Continued.*			
	GOVERNMENT AGENTS AND ASSESSORS, ETC.—*Continued.*			
86.	CUMBERLAND AGENCY—*Concluded.*			
	Brought forward	$ 4,520 00	$ 40,642 28	$ 251,153 59
	Expenses ($764.55): J. Baird, $17.01; B.C. Telephone Co., $50.55; Campbell Bros., $6.20; Comox Argus, $3.24; Cumberland Elec. Light Co., $14.40; Cumberland & U. Waterworks, $15; Dominion Express Co., $3.35; Dominion Govt. Telegraphs, $2.97; W. J. Harrigan, $9; A. Hoffheinz, $160; The Islander, $3.60; King's Printer, $107.28; A. Maxwell, $12.95; Monteith & Co., $8; T. D. McLean, $3; postage, $328; Royston Lumber Co., $20	764 55		
	Total expenditure, Cumberland Agency		5,284 55	
87.	DUNCAN AGENCY.			
	Salaries ($3,832.30): Agent and Assessor ..... J. Maitland-Dougall ..	$ 1,924 00		
	Clerks: J. Flett .....$601 64 H. D. Morten ..$526 66 M. Herd 780 00	1,908 30		
		$ 3,832 30		
	Expenses ($766.30): Bank of B.N.A., $29.20; Bank of Montreal, $2.40; B.C. Telephone Co., Ltd., $68.10; O. C. Brown, $11; J. M. Campbell, $10.65; City of Duncan, $28.20; Cowichan Leader, $7.20; Cowichan Merchants, $3.75; Dominion Express Co., $2.99; Dominion of Canada Guarantee & Accident Co., $4; H. W. Halpenny, $4.45; D. R. Hattie, 80c.; W. L. Henderson, $40.25; King's Printer, $143.54; C. W. Pitt, $42.30; postage, $205; I. I. Stewart-Moore, $20; J. E. Stilwell, $142.47	766 30		
	Total expenditure, Duncan Agency		4,598 60	
88.	FAIRVIEW AGENCY.			
	Salaries ($4,290.50): Agent ..... J. R. Brown	$ 2,100 00		
	Assessor and Min'g. Recorder R. D. Tweedie	550 00		
	Clerks: R. S. Atkins..$1,476 00 G. T. Rogers ..$164 50	1,640 50		
		$ 4,290 50		
	Expenses ($1,244.14): D. Braithwaite, $34.88; J. Brown, $16.00; J. R. Brown, $273.30; Clarke's Repair Shop, $7.50; A. Dalrymple, $39; Dominion of Canada Guarantee Co., $8; Dominion Govt. Telegraphs, $68.57; J. Graham, $156.25; A. S. Hatfield, $7.86; E. Hozier, $60; L. Hozier, $3.50; J. P. McCuddy, $26; King's Printer, $80.32; Penticton Hardware Co., $11.95; Penticton Herald, $3; A. Piper, $9; postage, $344.50; G. T. Rogers, $33.30; S. Okanagan Transport Co., $6.60; R. D. Tweedie, $54.61	1,244 14		
	Total expenditure, Fairview Agency		5,534 64	
89.	FERNIE AGENCY.			
	Salaries ($6,200): Agent ..... R. Hewat	$ 2,060 00		
	Carried forward	$ 2,060 00	$ 56,060 07	$ 251,153 59

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF FINANCE—*Continued.*			
	GOVERNMENT AGENTS AND ASSESSORS, ETC.—*Continued.*			
89.	FERNIE AGENCY—*Concluded.*			
	Brought forward	$ 2,060 00	$ 56,060 07	$ 251,153 59
	Salaries—*Concluded.*			
	Clerks:			
	T. Cole ..... $1,260 00 A. H. Watson $1,200 00	2,460 00		
	Stenographer ..... R. Yolland	720 00		
	Janitor ..... J. Johnston	960 00		
	Expenses ($2,285.48):	$ 6,200 00		
	D. Alton, $100; A. L. Bryant, $7; J. Cameron, $4.50; C.P.R. Telegraph Co., $20.26; J. Carmichael, $1; City of Fernie, $125.30; Crowsnest Pass Coal Co., $336.90; W. M. Dicken, $12; Dominion Express Co., $14.20; Duthie & Co., $140.05; Elk Lumber Co., $48; A. E. Ferguson, $4.50; D. Gash, 75c.; How Foon, $9; J. Johnston, $4.45; Kennedy & Mangin, 65c.; King's Printer, $144.76; Kootenay Tel. Lines, Ltd., $177.35; London Guarantee & Accident Co., $8; E. Mills, $195.50; J. Miscisco, 60c.; McGladrey Bros., $2.75; A. McLean, $595; Pendray & Sons, $25.75; postage, $155; J. D. Quail, $28.80; W. Quail, $15; J. F. Spalding, $3; N. E. Suddaby, $1.60; Trites-Wood Co., Ltd., $103.30; Western Union Tel. Co., 51c.....	2,285 48		
	Total expenditure, Fernie Agency		8,485 48	
90.	FORT FRASER AGENCY.			
	Salaries ($2,419):			
	Agent and Mining Recorder. J. S. Alexander	$ 1,684 00		
	Clerk ..... J. G. B. Dalziel	735 00		
	Expenses ($538.84):	$ 2,419 00		
	J. S. Alexander, $26.40; F. Aslin, $45.35; J. Cameron, $4; Celeste (Indian), $2; J. G. B. Dalziel, $38; Dominion Govt. Telegraphs, $6.42; Emp. Liability Assurance Co., $8; G.T.P. Telegraphs, $9.36; M. Lowry, $5; King's Printer, $127.36; Mary (Indian), $5; J. McRae, $18; postage, $128; C. E. Reeves, $85.10; Rosie (Indian), $2.50; S. Tittemore, $1; Union Bank of Canada, $1.25; W. W. White, $26.10	538 84		
	Total expenditure, Fort Fraser Agency		2,957 84	
91.	FORT GEORGE AGENCY.			
	Salaries ($5,722.74):			
	Agent ..... T. W. Herne	$ 2,059 92		
	Clerk and Mining Recorder.. R. C. S. Randall	540 00		
	Clerks:			
	W. F. Gregg .. $ 45 00 A. E. Roddis $1,100 00			
	D. C. Horth... 707 00 S. W. N. Saun-			
	J. D. Moore.. 1,135 32 ders 135 50	3,122 82		
	Expenses ($2,473.65):	$ 5,722 74		
	Arco Co., $81.25; E. Braun, $600; J. Braun, $1.50; E. Cahoon, $30; Canadian Express Co., $21.70; City Cartage Co., $8.85; City of Prince George, $72.13; J. Cook, $9; Colonist P. & P. Co., Ltd., $100; Fort George & Alta. Tel. Co., $54.50; Garvey & Hawkins,			
	Carried forward	$ 5,722 74	$ 67,503 39	$ 251,153 59

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF FINANCE—*Continued.*			
	Government Agents and Assessors, etc.—*Continued.*			
91.	Fort George Agency—*Concluded.*			
	Brought forward	$ 5,722 74	$ 67,503 39	$ 251,153 59
	Expenses—*Concluded.*			
	$1.50; G.T.P. Tel. Co., $31.95; A. F. Green, $175; W. G. Harper, $49.05; T. W. Herne, $39.25; D. C. Horth, $55.25; Hudson's Bay Co., $300; King's Printer, $446.57; Leith Bros., $7.20; London Guarantee & Accident Co., $12; J. Munro, Ltd., $3.40; E. B. Nault, $33.75; Northern Hardware Co., 65c.; Northern Lbr. & Merc. Co., $5.65; H. Olsen, $6.50; Pandora Sail & T. Factory, $20.47; M. Paquette, $3; postage, $270; Prince George Citizen, $2; Rush Transfer Co., $27.23; G. B. Williams, $4.30	2,473 65		
	Total expenditure, Fort George Agency		8,196 39	
92.	Golden Agency.			
	Salaries ($5,850):			
	Agent ..... J. Bulman	$ 1,980 00		
	Assessor ..... G. Sanborn	1,620 00		
	Clerk ..... H. C. Moore	1,340 00		
	Janitors:			
	J. R. Linney ..$896 00 J. H. Widen ...$14 00	910 00		
	Expenses ($1,376.45):	$ 5,850 00		
	B.C. Printing & Litho., Ltd., $26.85; J. Bulman, $18.90; C.P. Rly. Co., $20.93; Columbia River Lbr. Co., $10.49; Dominion Express Co., $22.45; Dominion Govt. Telegraphs, $65.60; J. Gibson, $10.07; Golden L., P. & W. Co., $243; Golden Star Pub. Co., $3.36; A. C. Hamilton, $477.09 — 140 = $337.09; M. Hamilton, $2; J. Henderson, $1; F. Jeune & Bro., Ltd., $24.63; King's Printer, $231.98; Lands Department, $5; F. C. Lang, $20; J. Linney, $1.35; Monteith & Co., $16; H. G. Parson, Ltd., $6; postage, $210; D. R. Rolston, $17.25; C. A. Warren, $8.65; J. T. Wood, $3.80; J. Bulman *re* Mining Convention at Revelstoke, $70.05	1,376 45		
	Total expenditure, Golden Agency		7,226 45	
93.	Grand Forks Agency.			
	Salaries ($4,069):			
	Agent ..... S. R. Almond	$ 1,864 00		
	Clerk ..... C. Mudge	1,260 00		
	Janitors:			
	W. O. Easton ..$900 00 W. Frakes $45 00	945 00		
	Expenses ($1,205.22):	$ 4,069 00		
	Boundary Iron Works, $6.50; B.C. Telephone Co., Ltd., $61.50; C.P.R. Telegraph Co., $1.59; City of Grand Forks, $80.90; Dominion Express Co., $6.60; Dominion of Canada Guarantee & Accident Co., $6; Grand Forks Transfer, $305.31; J. W. Howe, $160; King's Printer, $6.67; Kwong Wing, $14.55; W. K. C. Manly, $11.95; Matthews Bros., $19.75; Miller & Gardner, $24.45; J. R. Mooyboer, $1; McLeod & Hodgson, $10.85; P. C. Petersen, $397.50; postage, $71; Riverside Nurseries, $2; T. A. Wright, $17.10	1,205 22		
	Total expenditure, Grand Forks Agency		5,274 22	
	Carried forward		$ 88,200 45	$ 251,153 59

No. of Vote.	SERVICE.			Expended.	
	DEPARTMENT OF FINANCE—*Continued.*				
	GOVERNMENT AGENTS AND ASSESSORS, ETC.—*Continued.*				
	Brought forward			$ 88,200 45	$ 251,153 59
94.	GREENWOOD AGENCY.				
	Salaries ($3,332):				
	Agent	W. R. Dewdney	$ 1,860 00		
	Clerk and Janitor	P. H. McCurrach	1,472 00		
			$ 3,332 00		
	Expenses ($1,027.10):				
	J. Benson, $5; B.C. Telephone Co., $86.20; C.P. Rly. Telegraph Co., $9.58; City of Greenwood, $42; J. M. Cropley, $1.50; W. R. Dewdney, $12.50; Dominion of Canada Guarantee & Accident Co., $12; W. B. Fleming, $9.91; J. H. Goodeve, $1.75; Greenwood Waterworks, $120; Gulley & Co., $2.60; R. W. Halcrow, $21.10; King's Printer, $125.30; Lee & Bryan, $2.60; R. T. Lowery, $2; H. McKee, $464.66; E. B. Nelson, $10; postage, $95; H. Potts, $3.40		1,027 10		
	Total expenditure, Greenwood Agency			4,359 10	
95.	HAZELTON AGENCY.				
	(Transferred to Smithers, October, 1918.)				
	Salaries ($8,922.46):				
	Agent	S. H. Hoskins	$ 2,080 00		
	Assessor and Collector	H. Welch	1,800 00		
	Mining Recorder	J. E. Kirby	1,560 00		
	Clerks:				
	A. E. Campbell $501 65	E. J. Hill $500 00			
	F.B.Chettleburgh 407 84	J. R. Tannock 263 33			
	W. Gale 591 29		2,264 11		
	Stenographers:				
	K. Harvey 164 44	M. Ward $189 33			
	G. McKilligan 221 85		575 62		
	Temporary assistance:				
	J. F. McGuire 170 96	L. A. Wentzil $471 77	642 73		
			$ 8,922 46		
	Expenses ($2,335.79):				
	J. M. Adams, $3.50; Ah Dip, $212.90; W. Bannister, $18; R. Barker, $2.50; J. Brooks, $15; Canadian Express Co., $10.85; Charlie Yin, $81.70; A. Chisholm, $18.05; Cunningham & Son, $2.40; Dominion Govt. Telegraphs, $88.16; Emp. Liability Assurance Corp., $24; H. Fotherby, $2; G.T.P. Rly. Co., $7.59; Gray Jewellery Co., $3.50; E. Hann, $17.40; T. Herlihy, $14.50; C. Hertel, $111; E. J. Hill, $3.75; S. H. Hoskins, $45.55; Hudson's Bay Co., $4.25; Interior News, $5.40; Jim Lee, $64.55; G. Katsuro, 25c.; J. S. Kennedy, $5.60; King's Printer, $404.90; N. P. Moran, $2.40; Omineca Herald, $4.80; A. E. Phillips, $1.50; postage, $437.67; Ruddy & McKay, $26.26; R. S. Sargent, $14.75; Sen Yen, $1; W. H. Sharpe, $11.50; Sing Laundry, 60c.; Smith & Champion, $20; Stephenson & Crum, $6.35; N. Svenson, $12.70; Union Bank of Canada, $96.96; U. Typewriter Co., $279; Up to Date Drug Store, $1; R. E. Williams, $240; Winch & Co., $12		2,335 79		
	Total expenditure, Hazelton Agency			11,258 25	
	Carried forward			$103,817 80	$ 251,153 59

No. of Vote.	SERVICE.		Expended.	
	DEPARTMENT OF FINANCE—*Continued.*			
	GOVERNMENT AGENTS AND ASSESSORS, ETC.—*Continued.*			
	Brought forward		$103,817 80	$ 251,153 59
96.	KAMLOOPS AGENCY.			
	Salaries ($10,847.25):			
	Agent ..... E. Fisher	$ 2,100 00		
	Assessor and Min'g. Recorder L. S. Brown	1,680 00		
	Clerk and Deputy Registrar R. A. Bethune	1,380 00		
	Clerks:			
	J. A. Dowding $1,260 00 J. Leonard $960 00	2,220 00		
	Stenographer ..... Z. Slavin	755 00		
	Janitors:			
	E. C. Hutchinson $400 00 R. J. Scribner 640 00	1,040 00		
	Temporary assistance:			
	J. Kitt .....$241 93 R. F. Ure 1,260 00			
	M. V. Rowlands 170 32	1,672 25		
	Expenses ($3,385.95):	$ 10,847 25		
	R. C. Blackbourn, $4.60; J. Boyle, $4.75; B.C. Ptg. & Litho. Ltd., $37.50; B.C. Telephone Co., $152.85; L. S. Brown, $23.55; C.P. Rly. Co., $16.57; City of Kamloops, $330.65; J. H. Clements, $1.20; N. S. Dalgleish, $82.50; Dominion Express Co., $27.74; N. E. Dwyer, $5.60; A. H. Fish, $4; R. Gleave, $275; J. L. Gordon, $3.40; W. Hargraves, $4; G. Hilton, $3.15; G. How, $9.50; Hudson's Bay Co., $94.95; M. A. Hutchinson, $14; Imperial Oil, Ltd., $19.38; C. Key Jones, $3; King's Printer, $368.84; London Guarantee & Accident Co., $16; J. Milton, $637.45; F. Morris, $23.50; R. McCall, $72.90; McKinnon H. & P. Co., $104.70; N. Transfer Co., $44.75; Observer P. & P. Co., $3.72; pay-list, labour, $67.05; postage, $732; Public Works Dept., $4.25; Reliable Transfer Co., $11.80; Sam Kee Lung, $4.35; R. J. Scribner, $46; C. L. Wain, $15.55; Wilcox-Hall Co., Ltd., $6.70; W. F. Wood, $108.50	3,385 95		
	Total expenditure, Kamloops Agency		14,233 20	
97.	KASLO AGENCY.			
	Salaries ($9,311):			
	Agent ..... R. J. Stenson	$ 2,080 00		
	Assessor and Min'g. Recorder A. McQueen	1,624 00		
	Deputy Mining Recorder ... W. J. Green	1,332 00		
	Clerks:			
	A. Coombs ....$945 00 H. S. Whellams $300 00			
	C. McDonald .. 960 00	2,205 00		
	Stenographer ..... C. M. Fawcett	1,020 00		
	Janitor ..... A. Taylorson	1,050 00		
	Expenses ($1,639.13):	$ 9,311 00		
	Archer Hardware Co., $4.25; Bank of B.N.A., $49.50; Bank of Montreal, $3; B.C. Telephone Co., $123.70; Byers, Giegerich, Green Co., $5.35; H. Calvert, $2.50; C.P.R. Telegraph Co., $16.55; City of Kaslo, $353.46; A. J. Curle, $21; Dominion Express Co., $39.14; Dominion of Canada Guarantee & Accident Co., $8; W. English, $345.45; C. M. Fawcett, $1.50; Howe Electric Co., $10.77; Kaslo Transfer Co., $12.80; King's Printer, $241.66; Kootenaian, $5.20; London Guar. & Accident Co., $4; L. C. Menhinick, $1.50; P. McGregor, $7; A. McQueen, $7.80; Nelson Daily News, $5; postage, $358; J. J. Skillicorn, $12..	1,639 13		
	Total expenditure, Kaslo Agency		10,950 13	
	Carried forward		$129,001 13	$ 251,153 59

No. of Vote.	SERVICE.		Expended.
	DEPARTMENT OF FINANCE—*Continued.*		
	GOVERNMENT AGENTS AND ASSESSORS, ETC.—*Continued.*		
	Brought forward	$129,001 13	$ 251,153 59
98.	LILLOOET SUB-AGENCY.		
	Salaries ($2,840):		
	Assessor and Min'g Recorder J. Dunlop	$ 1,860 00	
	Clerks:		
	W. R. Bellamy..$600 00 F. Luxford $280 00		
	E. Harrison.... 100 00	980 00	
		$ 2,840 00	
	Expenses ($464.61):		
	Ashcroft Print. Co., $3; Dominion of Canada Guarantee & Accident Co., $4; Dominion Govt. Telegraphs, $10.45; J. Dunlop, $78.50; King's Printer, $118.86; Lillooet Waterworks, $15; F. Luxford, $15.65; C. A. Phair, $39.10; postage, $163; P. Rebagliati, $17.05..	464 61	
	Total expenditure, Lillooet Sub-agency		3,304 61
99.	NANAIMO AGENCY.		
	Salaries ($9,498.61):		
	Agent .....S. McB. Smith	$ 2,252 00	
	Assessor .....E. Edwards (1 mo.) ..	158 33	
	Assessor (9 mos.), Special Collector (3 mos.).....A. Forrester	1,785 00	
	Special Tax-collector .....J. Shirass	270 15	
	Clerks:		
	J. J. Cottle ....$410 85 J. Rankin $389 35		
	W. H. Goodall.. 360 00 H. L. Robinson 174 20		
	P. Hickling .... 570 96 J. Stewart 150 00		
	E. Malcolm ... 345 12	2,400 48	
	Stenographers:		
	L. M. Manifold..242 00 L. Stewart $840 00		
	H. Nicholson... 590 65	1,672 65	
	Janitor and Messenger .....C. C. Henderson	960 00	
		$ 9,498 61	
	Expenses ($2,264.07):		
	J. H. Bailey, $50.40; P. Bennett, $3; B.C. Telephone Co., $173; J. M. Brown, $3; C.P.R. Co. Telegraph, $5.25; City of Nanaimo, $148.95; City Taxi Cab Co., $17.94; Cowie Machine Co., 75c.; Dominion Express Co., $16.75; Dominion Govt. Telegraphs, 25c.; Employers' Liability Assurance Corp., $8; A. Forrester, $4; J. H. Good & Co., $76.83; J. B. Hodgins, $3.50; W. Hoggan, $9; Imperial Laundry Co., 70c.; M. C. Ironside, $8; S. R. Jessop, $1.50; King's Printer, $327.05; R. K. Kirkup, $15; Lemon, Gonnason Co., $6.75; London & Lancashire Guarantee Co., $12; Macey Office Equipment Co., $126.75; E. Malcolm, $15.70; T. Mannion, $213; J. Marshall, $3.50; Melrose Co., $52.55; W. McKenney, $7.50; Nanaimo Elec. Light Co., $86.75; Nanaimo Free Press, $3; R. H. Ormond, $2.40; postage, $556; J. Rankin, $269.30; L. Raper, $4; E. H. Robinson, $1.60; Sampson Hardware Co., $2.05; S. McB. Smith, $7.10; F. C. Stearman, $4.90; United Typewriter Co., $5; Wardill Bros., $1.25; pay-list, labour, $12.....	2,264 07	
	Total expenditure, Nanaimo Agency		11,762 68
	Carried forward	$144,068 42	$ 251,153 59

No. of Vote.	SERVICE.		Expended.
	DEPARTMENT OF FINANCE—*Continued.*		
	GOVERNMENT AGENTS AND ASSESSORS, ETC.—*Continued.*		
	Brought forward	$144,068 42	$ 251,153 59
100.	NELSON AGENCY.		
	Salaries ($7,734.12):		
	Agent, Assessor, and Mining Recorder:		
	S. S. Jarvis ..$ 633 32 E. Ferguson ..$1,240 00	$ 1,873 32	
	Clerks:		
	D. Langton .. 1,260 00 L. Lightwick.. 1,200 00		
	G. S. Miller .. 1,260 00	3,720 00	
	Clerk and Stenographer ....B. B. Betts	90 00	
	Stenographers:		
	R. Lindblad .. 385 00 E. McFarland.. 440 00		
	G. Mansfield ... 175 80	1,000 00	
	Janitor .....D. J. McKim	1,050 00	
		$ 7,734 12	
	Expenses ($2,616.31):		
	G. Beaumont, $2.85; B.C. Plumbing & Heating Co., $34.45; B.C. Telephone Co., $100.10; J. Burns & Son, $20.08; C.P.R. Telegraph Co., $23.04; City of Nelson, $454.39; Colonist P. & P. Co., $37.50; Creston Review, $5.40; H. L. Dawes, $3; Dominion Express Co., $44.03; Dominion of Canada Guarantee & Accident Co., $8; E. Ferguson, $21; J. Foote, $21; Howe Elec. Co., $36.80; Hudson's Bay Co., $30.09; W. H. Jones, $17.50; King's Printer, $406.65; H. R. Kitto, $1.50; Kootenay Granite Works, $8; J. H. Matheson, $7.50; D. A. McFarland, $403.27; C. J. McGuigan, $11.25; Nelson Daily News, $5.40; Nelson Hardware Co., $4.65; Nelson Steam Laundry, $28.40; postage, $427; J. Radcliffe, $3; Rutherford Drug Co., $2.75; Smart & Co., $2; Star Grocery, 50c.; Switzer Transfer, 50c.; J. Webster, $81; West Transfer Co., $341.21; D. C. Wilson, $21; Wood-Vallance Hardware Co., $1.50...	2,616 31	
	Total expenditure, Nelson Agency		10,350 43
101.	NEW WESTMINSTER AGENCY.		
	Salaries ($17,792.39):		
	Agent .....F. C. Campbell	$ 2,300 00	
	Chief Clerk and Mining Recorder .....I. Wintemute	1,672 00	
	Clerks:		
	A. B. Gray ..$1,140 00 J. A. Young ..$1,260 00	2,400 00	
	Assessors:		
	J. W. Creighton 2,104 00 W. A. D. Jones 1,908 00	4,012 00	
	Special Tax-collectors:		
	A. Matheson.. 750 00 R. C. McDonald 750 00		
	A. Menzies ... 1,600 00	3,100 00	
	Stenographer .....M. I. Dickson	842 50	
	Janitor and Messenger .....C. H. Calbick	1,190 00	
	Janitors:		
	F. W. Banton 1,120 00 J.A.Montgomery 1050 00	2,170 00	
	Temporary assistance:		
	W. R. Graham 50 89 S. A. Fletcher 55 00	105 89	
	Expenses ($5,139.02):	$ 17,792 39	
	Albion Motor Express, 75c.; Anderson & Lusby, $30; Bank of B.N.A., 80c.; Belyea & Co., Ltd., $96.04; B.C. Clean Towel Supply, $12.50; B.C. Elec. Rly. Co., $25; B.C. Printing & Litho., Ltd., $75; B.C. Telephone Co., $195.98; Brooks-Corning Co.,		
	Carried forward	$ 17,792 39	$154,418 85 $ 251,153 59

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF FINANCE—*Continued.*			
	GOVERNMENT AGENTS AND ASSESSORS, ETC.—*Continued.*			
101.	NEW WESTMINSTER AGENCY—*Concluded.*			
	Brought forward	$ 17,792 39	$154,418 85	$ 251,153 59
	Expenses—*Concluded.*			
	$26; R. Buckland, $7.75; Burr Office Supplies, $3.50; Burroughs Add. Machine, Ltd., $11.74; Mrs. C. H. Calbick, $2.25; H. L. Calvert, $1.15; F. E. Cameron, $1; F. C. Campbell, $1.75; Canadian Bank of Commerce, $8.90; Canadian Fairbanks-Morse Co., $8.25; C.P. Rly. Co. Tel., 82c.; W. C. Chamberlain, $2; Columbian Co., Ltd., $4.50; Corporation of New Westminster, $415.97; J. W. Creighton, $222.95; Cunningham Hardware Co., $4.75; D. S. Curtis, $2.50; Dominion of Canada Guarantee Co., $32; Dominion Express Co., $14.80; Galbraith & Sons (assignee), $13.55; W. R. Graham, $36.29; James & McClughan, $11.65; C. H. Jones & Son, Ltd., $19.18; King's Printer, $449.48; London Guarantee & Accident Co., $12; Macaulay & Nicolls, $8; A. Matheson, $88.83; J. Mayes, $1,490.69; A. Menzies, $646.14; Merchants, Ltd., $5; Model Grocery, $8.95; C. Moulton, $106.48; R. C. McDonald, $55.10; McLennan, McFeely & Co., $1.47; J. P. McMurphy, $92.26; New Westminster Gas Co., $5.60; Otis-Fenson Elevator Co., $80.77; J. Peck, $70; postage, $595.87; Reliable Furniture Co., $4; Royal City Laundry, $19.88; T. H. Smith, $6; G. R. Speck, $7.45; G. Sutherland, $8; T. J. Trapp & Co., $3.85; J. Ward, $5; West Disinfecting Co., $15; Westminster Iron Works, $63.88	5,139 02		
	Total expenditure, New Westminster Agency			22,931 41
102.	NEW DENVER SUB-AGENCY.			
	Salaries ($1,536):			
	Mining Recorder ..... A. McInnes	$ 1,536 00		
	Expenses ($288.38):			
	B.C. Telephone Co., $72.30; Denver Light & Power Co., $42; Denver Waterworks Co., $22; J. Jewett, $1.35; King's Printer, $29.13; Levy & Watson, $35; London Guarantee & Accident Co., $6; D. McKinnon, $4; postage, $49.70; D. Sinclair, $14; J. B. Smith, $4; H. Thomlinson, $7.50; E. Tingle, $1.40	288 38		
	Total expenditure, New Denver Sub-agency			1,824 38
103.	NICOLA AGENCY.			
	(Transferred to Merritt, October, 1918.)			
	Salaries ($3,276.95):			
	Agent and Assessor ..... J. A. Murchison	$ 1,800 00		
	Clerks:			
	H. Beech .....$349 95 W.H.Boothroyd $777 00	1,126 95		
	Janitor ..... T. Carrington	350 00		
		$ 3,276 95		
	Expenses ($373.31):			
	Bank of Montreal, $23.08; R. F. Barrett, $3.10; C.P.R. Telegraphs, $4.76; Dominion Government Telegraphs, $26.15; A. E. Howse Co., Ltd., $2.75; W. H. Hunter, $4; R. A. Johnston, $1.12; King's Printer, $120.15; R. E. Lodwick, $19.50; London Guarantee and Accident Co., $6; P. Marquart, $38.50; Merritt Herald, $4.20; postage, $120	373 31		
	Total expenditure, Nicola Agency			3,650 26
	Carried forward		$182,824 90	$ 251,153 59

No. of Vote.	SERVICE.		Expended.
	DEPARTMENT OF FINANCE—*Continued.*		
	GOVERNMENT AGENTS AND ASSESSORS, ETC.—*Continued.*		
	Brought forward	$182,824 90	$ 251,153 59
104.	150-MILE HOUSE.		
	Salaries ($2,309.70):		
	Agent, Assessor, etc. ..... R. M. McGusty	$ 1,500 00	
	Clerks:		
	R. A. Dorrell ...$38 70 G. F. Havers ..$721 00	759 70	
	Stenographer ..... F. McLeod	50 00	
		$ 2,309 70	
	Expenses ($700.08):		
	Bank of B.N.A., $3.85; Bank of Montreal, $4.20; Cariboo Observer, $12.88; Cariboo Trading Co., $6.50; L. J. Crosina, $21.50; Dominion Govt. Telegraphs, $88.57; R. A. Dorrell, $15; T. Hamilton & Co., $50; G. F. Havers, $40.35; E. Hodgson, $15; T. J. Hodgson, $96; Inland Express Co., $38.65; King's Printer, $106.38; P. Paxton, $75; postage, $122.20; J. H. Watson Insurance Agency, $4	700 08	
	Total expenditure, 150-Mile House		3,009 78
105.	PRINCE RUPERT AGENCY.		
	Salaries ($16,403.58):		
	Agent ..... J. H. McMullin	$ 2,100 00	
	Assessor ..... C. W. Homer	1,960 00	
	Deputy Assessor & Collector. W. R. Bellamy	890 65	
	Mining Recorder ..... J. Conway	1,908 00	
	Clerks:		
	G. M. Davies..$1,352 00 J. Reilly $544 60		
	W. Denholm .. 500 00 J. Roberts 570 00		
	C. W. Gauld .. 596 67 R. J. Scoble ... 660 00		
	A. J. Lancaster 1,340 00 W. Stewart ... 519 35	6,082 62	
	Special Tax-collector ..... W. S. Fisher	1,600 00	
	Engineer and Janitor ..... L. McDonald	960 00	
	Temporary assistance:		
	V. Cliffe .....$677 82 V. Munro $16 20		
	A. C. C. Loat .. 23 23 W. A. Patterson 24 00		
	A. G. Garde ... 71 66 W. N. Smith .. 35 40		
	M. B. Morrissey 24 00 Mrs. W. N. Smith 30 00	902 31	
		$ 16,403 58	
	Expenses ($5,635.86):		
	Albert & McCaffrey, $1,950.90; W. G. Barrie, $1; W. R. Bellamy, $35.40; Brown Bros. & Co., $13.28; B. Brynildsen & Co., $3.21; Burroughs Add. Machine, $7.80; Canadian Express Co., 90c.; E. Chyber, $3.20; City of Prince Rupert, $539.57; J. Conway, $16.50; J. Decicco, $14; Dominion Express Co., $6.90; Dominion Government Telegraphs, $105.45; A. W. Edge Co., 40c.; Empire Pub. Co., $6; Employers' Lty. Assurance Corp., $12; W. S. Fisher, $265.60; Georgetown Mill Co., $6.16; Gillespie, Hart & Todd, $8; G.T.P. Telegraph Co., $7.61; J. Gurvich Transfer Co., $6; E. Hellman, $26.80; Kaien Hardware Co., $14.70; King's Printer, $497.10; F. B. Lewis & Co., Ltd., $24; London Guarantee & Accident Co., $8; A. E. Malacord, $22.75; J. Mellor, $14; Munro Bros., $31.10; A. W. McLean, $23.57; J. H. McMullin, $6.45; A. H. McPherson, $30.61; McRae Bros., $3.25; News Print. & Pub. Co., $5.40; Ormes, Ltd., $32.05; Pacific Cartage Co., $43.63; Pacific Mills, Ltd., $3.62; Parkin & Ward Elec. Co., $87.85; Pioneer Laundry,		
	Carried forward	$ 16,403 58	$185,834 68 $ 251,153 59

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF FINANCE—*Continued.*			
	GOVERNMENT AGENTS AND ASSESSORS, ETC.—*Continued.*			
105.	PRINCE RUPERT AGENCY—*Concluded.*			
	Brought forward		$ 16,403 58	$185,834 68 $ 251,153 59
	Expenses—*Concluded.* Ltd., $14.31; postage, $741; Prince Rupert Feed Co., $11.65; Smith & Mallett, $17.47; Steen & Longwill, $336.62; A. W. Stone, $2; F. Stork, $46.35; Spurr's Market, 90c.; A. Swanson, $1.10; Thompson Hardware Co., $19.05; G. D. Tite, $22.60; D. Tovey, $35; E. van Gastel, $485.55; A. E. Young, $17.50		5,635 86	
	Total expenditure, Prince Rupert Agency			22,039 44
106.	PRINCETON AGENCY.			
	Salaries ($3,048):			
	Agent	H. Hunter	1,908 00	
	Clerk	J. B. Wood	1,140 00	
			$ 3,048 00	
	Expenses ($948.56): C.P.R. Telegraph, $7.70; Dominion Express Co., $10.73; Dominion Government Telegraphs, $65.10; Employers' Liability Assurance Co., $4; D. M. French, $2.50; W. S. Garrison, $60.90; A. E. Howse Co., Ltd., $1.50; H. Hunter, $182.50; King's Printer, $193.53; E. Macaulay, $180; pay-list, $12; postage, $110; Princeton Coal and Land Co., $114; Princeton Drug Store, 50c.; Princeton Star, $3.60		948 56	
	Total expenditure, Princeton Agency			3,996 56
107.	QUESNEL AGENCY.			
	Salaries ($12,419.96):			
	Agent	E. C. Lunn	$ 1,980 00	
	Clerk	H. T. Kraemer	1,380 00	
	Assessor and Collector	J. Stephenson	1,635 00	
	Clerks:			
	W. Couldwell $1,260 00	L. C. Maclure $ 727 66		
	B. Curtis 780 00	A. Shannon 780 00		
	G. Ewing 780 00	D. Ward 266 29		
	C. S. Foot 1,260 00	H. G. Windt 1,256 78	7,110 73	
	Janitors:			
	J. Cummings 60 00	C. Smythe 25 00	85 00	
	Temporary assistance:			
	S. Allen 90 32	W. H. H. Elliott 1 08		
	M. Carson 21 67	K. Johnston 19 50		
	L. Collins 96 66		229 23	
			$ 12,419 96	
	Expenses ($3,315.90): Allison Drug & Book Co., 75c.; M. P. Botterill, $96; A. E. Boyd, $5.50; B.C. Express Co., $4.15; Cariboo Observer, $14.96; Chew Sing, $8.75; Circle W Motor Boat Co., $3.25; Collins & Johnson, $42.75; A. Couldwell, $103; Cowan Supply Co., $37.50; J. Davis, $14.80; Dominion of Canada Guarantee & Accident Co., $20; Dominion Government Telegraphs, $92.40; W. H. H. Elliott, $47; R. Fraser, $2.15; Fraser & Co., Ltd., $8.50; Frederick (Indian), $1.50; G.T.P. Steamship Co., $9.60; J. L. Hill, $16.50; Hudson's Bay Co., $12.50; J. G. Hutchcroft, $6.85; Inland Express Co., $168.62; Johnston Bros., $40.50;			
	Carried forward		$ 12,419 96	$211,870 68 $ 251,153 59

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF FINANCE—*Continued.*			
	GOVERNMENT AGENTS AND ASSESSORS, ETC.—*Continued.*			
107.	QUESNEL AGENCY—*Concluded.*			
	Brought forward	$ 12,419 96	$211,870 68	$ 251,153 59
	Expenses—*Concluded.*			
	King's Printer, $524.37; Lands Dept. (blue-prints), $7; W. V. Livingstone, $10; E. C. Lunn, $29.75; N. Crown and Royal Bank, $133.86; Norwood Bros., $93.50; T. Paxton, $156.30; postage, $1,100; Prince George Citizen, $3.36; Quesnel Livery Stables, 60c.; Quesnel Telephone Co., $63.18; W. H. Sears, $193.50; J. Stevenson, $203.84; Stone (Indian), $3.50; Vanderhoof Herald, $3.36; C. Woods, $3.50; R. Yorston, $23.75; W. Young, $5	3,315 90		
	Total expenditure, Quesnel Agency		15,735 86	
108.	QUEEN CHARLOTTE ISLANDS SUB-AGENCY.			
	Salaries ($660):			
	Mining Recorder ..... J. L. Barge	$ 660 00		
	Expenses ($448.35):			
	A. M. Barge, $60; J. L. Barge, $103; D. Cochrane, $21.15; Dominion Government Telegraphs, $1.54; E. Girarg, $160; King's Printer, $37.66; North American Timber Co., $10; postage, etc., $55	448 35		
	Total expenditure, Queen Charlotte Islands Sub-agency ...		1,108 35	
109.	REVELSTOKE AGENCY.			
	Salaries ($7,649.80):			
	Agent ..... A. Johnson	$ 2,000 00		
	Assessor ..... N. R. Brown	1,852 00		
	Mining Recorder ..... J. Lee	1,340 00		
	Clerk ..... C. J. Aman	687 80		
	Stenographer ..... A. McGiven	780 00		
	Janitor ..... E. H. Bond	1,050 00		
		$ 7,709 80		
	Expenses ($2,553.58):			
	O. W. Abrahamson, $1.80; Mrs. Beaton, 75c.; E. H. Bond, $40; Mrs. E. H. Bond, $5.50; N. R. Brown, $93.10; C.P.R. Telegraph Co., $23.22; City of Revelstoke, $147.40; City Transfer Co., $9.07; Colonist P. & P. Co., $18.75; Columbia Hardware Co., $20.20; H. N. Coursier, $373.25; Mrs. I. Coursier, $6; Dominion Express Co., $38.90; S. Gale, $2.50; Griffith Company, $6.25; C. B. Hume & Co., $1.50; Imperial Bank, $3.55; A. Johnson, $27.80; King's Printer, $496.92; J. Lee, $6.40; C. Lennard, $11; C. R. McDonald, $9.30; L. C. Masson, $16.15; H. A. Morris, $7; S. Needham, $3; Onward Mfg. Co., $1.62; W. Patterson, $303; postage, $406.53; Revelstoke Review, $3.84; Revelstoke, etc., Tel. Co., $63.50; S. G. Robbins, $366.88; R. M. Smythe, $7; Sturdy Hardware Co., $28.90; F. Young & Co., $3	2,553 58		
	Total expenditure, Revelstoke Agency		10,263 38	
110.	ROSSLAND AGENCY.			
	Salaries ($6,424):			
	Agent and Assessor ..... H. R. Townsend	2,100 00		
	Clerk and Min'g. Recorder.. M. S. Morrell	1,380 00		
	Carried forward	$ 3,480 00	$238,978 27	$ 251,153 59

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF FINANCE—*Continued.*			
	GOVERNMENT AGENTS AND ASSESSORS, ETC.—*Continued.*			
110.	ROSSLAND AGENCY—*Concluded.*			
	Brought forward	$ 3,480 00	$238,978 27	$ 251,153 59
	Salaries—*Concluded.*			
	Clerk ..... W. H. Reid	1,260 00		
	Janitor ..... A. Williams	960 00		
	Stenographer ..... E. McLean	724 00		
		$ 6,424 00		
	Expenses ($1,694.48): Bank of B.N.A., $54.40; Bank of Montreal, $19.80; B.C. Telephone Co., Ltd., $62.85; C.P.R. Telegraph Co., $3.94; City of Rossland, $48; G. F. Davey, $6.50; Dominion of Canada Guarantee & Accident Insurance Co., $12; Dominion Express Co., $46.96; Grand Forks Sun, $6; Hunter Bros., Ltd., $5.50; F. Jeune & Bro., Ltd., $8.85; King's Printer, $427.18; J. H. Lee, $1.80; McGillivray Coal Co., $493.55; Plester Cartage Co., 50c.; postage, $371; W. H. Reid, $1.25; Rossland S.N. Miner, $4; Rossland Water & Light Co., $89.95; T. Stout, 25c.; H. R. Townsend, $22.80; Trail News, $5.40; A. Williams, $2	1,694 48		
	Total expenditure, Rossland Agency		8,118 48	
111.	TELEGRAPH CREEK AGENCY.			
	Salaries ($1,560): Agent, Gold Commiss'r, etc... H. W. Dodd	$ 1,560 00		
	Expenses ($595.50): Barrington Transfer Co., $8.87; J. F. Callbreath, $4.25; W. Foster, $10.40; Hudson's Bay Co., $19.85; J. Hyland (estate), $100.75; King's Printer, $73.86; postage, $20; W. S. Simpson, $75; J. Sorensen, $35; C. Vance, $225; Yukon Telegraphs, $22.52	595 50		
	Total expenditure, Telegraph Creek Agency		2,155 50	
112.	TROUT LAKE SUB-AGENCY.			
	Salaries ($1,260): Mining Recorder ..... O. Jacobson	$ 1,260 00		
	Expenses ($159.44): A. Abrahamson, $24; A. M. Craig, $3; A. C. Cummins, $20.85; Dominion of Canada Guarantee & Accident Co., $1.80; S. Edwards, $1.50; J. Fitzsimmons, $4.10; G. Johnson, $14; King's Printer, $32.69; F. LeBeau, $6; B. Oakey, $3.50; postage, $30; Trout Lake Water Co., $18	159 44		
	Total expenditure, Trout Lake Sub-agency		1,419 44	
113.	VANCOUVER AGENCY.			
	Salaries ($59,610.01): Agent ..... J. Mahony	$ 2,400 00		
	Clerk and Mining Recorder.. A. P. Grant	1,768 00		
	Clerks: R. Blake ....$1,200 00; P. McAllister $ 750 00; A. Bridgman.. 1,068 00; F. McLean .. 428 00; H. Brooke ... 1,464 00; H. Pittendrigh 960 00; L. Campbell .. 1,200 00; J. A. Pyke .... 1,260 00; G. H. Chamberlain ..... 1,340 00; J. Rankin ... 1,314 65			
	Carried forward	$ 4,168 00	$250,671 69	$ 251,153 59

No. of Vote.	SERVICE.	Expended.		
	DEPARTMENT OF FINANCE—*Continued.*			
	GOVERNMENT AGENTS AND ASSESSORS, ETC.—*Continued.*			
113.	VANCOUVER AGENCY—*Continued.*			
	Brought forward	$ 4,168 00	$250,671 69	$ 251,153 59
	Salaries—*Concluded.*			
	Clerks—*Concluded.*			
	A. A. Davies..$1,260 00 G. T. Rogers $1,000 00			
	H. D. Mott ... 1,260 00 H. Stewart .. 1,140 00			
	B. Murray .... 980 00 W. H. Wallace 100 00	16,724 65		
	Stenographers:			
	M. Campbell.. 150 00 M. E. Menendez 628 00			
	E. Collins .... 9 00 R. McColl ... 660 00			
	A. M. Latimer. 780 00	2,227 00		
	Assessor .....F. Burnett	2,280 00		
	Deputy Assessor .....J. Clint	1,864 00		
	Special Tax-collectors:			
	T. Allardyce.. 1,600 00 W. H. Kelly.. 1,600 00			
	A. Blyth .... 1,600 00 P. Power 1,600 00			
	G. H. Hill 1,600 00	8,000 00		
	Engineer .....J. Cameron	1,800 00		
	Firemen:			
	W. Ellis ..... 125 00 E. O. Turner.. 880 95			
	T. J. Knox .. 475 50	1,481 45		
	Elevator Attendant .....T. G. Goodman	910 00		
	Gardeners:			
	L. Moseley ... 1,053 33 H. Wass 1,024 17	2,077 50		
	Chief Janitor .....C. J. Wilkes	1,380 00		
	Janitors:			
	H. C. Cox ....$1,050 00 F. Smith 1,050 00			
	S. Dagnall .. 1,050 00 D. Thomas .. 38 71			
	T. Delbridge .. 960 00 J. Thomson .. 1,020 00			
	S. Ferguson .. 1,020 00 W. P. Turton 1,050 00			
	F.T.Hardwicke 960 00 R. Wallace .. 998 70			
	J. E. Mayhew 1,020 00 T. E. Whitehouse 1,020 00			
	T. R. Powell.. 1,050 00 R. H. Young.. 1,020 00	13,307 41		
	Carpenter .....H. M. Burns	1,260 00		
	Nightwatchmen:			
	P. Dolan ..... 36 00 J. Fox 1,020 00	1,056 00		
	Ushers:			
	A. M. Evans .. 960 00 E. McArthur.. 114 00	1,074 00		
		$ 59,610 01		
	Expenses ($15,515.97):			
	Office Supplies, etc.:			
	G. E. Adams, $20; Burroughs Adding Machine Co., $30.55; Campbell's Storage Co., $2.49; C.P.R. Telegraph Co., $3.62; Colonist P. & P. Co., $75; Dominion of Canada Guarantee & Accident Co., $8; Dominion Express Co., $24.89; Dominion Govt. Telegraphs, 58c.; Ellis & Brown, $75; Griffith Co., $8.97; Henderson Directory Co., $16; Hewitt Co., $5.30; Imperial Guarantee & Accident Insurance Co., $24; J. S. Ireland, 60c.; King's Printer, $1,295.93; Lands Dept. (blue-prints), $15; Latta & Co., $73.50; Lewis & Co., Ltd., $24; London Guarantee & Accident Co., $20; Mainland Transfer Co., $6.10; G. Nakayama, $52; P. P. Peele, $10; postage, $1,175.65; Reliable Transfer Co., 75c.; Remington Typewriter Co., 90c.; G. A. Roedde, Ltd., 60c.; Typewriter Service Co., $5.80; United Typewriter Co., $35.65; Vancouver Daily Province, $22.40; Vancouver Daily Sun, $41.65; H. H. Wood, $10; pay-list, labour, $20	3,104 93		
	Carried forward	$ 62,714 94	$250,671 69	$ 251,153 59

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF FINANCE—*Continued.*			
	GOVERNMENT AGENTS AND ASSESSORS, ETC.—*Continued.*			
113.	VANCOUVER AGENCY—*Concluded.*			
	Brought forward		$ 62,714 94	$250,671 69 $ 251,153 59
	Expenses—*Concluded.*			
	Travelling Expenses: A. Blygh, $9.10; H. Brooke, $264.67; F. Burnett, $40.65; A. A. Davies, $2.10; G. H. Hill, $74.10; W. H. Kelly, $197.40; J. Mahony, $12.15; P. Power, $54.45; H. Stewart, $5.25; B.C. Electric Railway Co. (car fares), $5.70		665 57	
	Maintenance and Repairs of Buildings: A B C Scavenger Co., $12.50; Bogardus, Wickens, Ltd., $20.75; Brand & Co., $10; Carnahan Bros., $25; City Chimney Sweeping Co., $30; Crane, Ltd., $336.48; J. N. Copp, $48.20; Dixon & Murray, $19.85; P. Dolan, $9; Hudson's Bay Co., $10.89; Jones & Son, Ltd., $8.50; Knowlton's, Ltd., $1.50; E. Lipsett, $27.60; Martin, Finlayson & Mather, 20c.; Monastery Laundry, $26.55; C. O. Morlock, 80c.; Murray Bros., Ltd., $36.35; McArthur & Co., $124.70; H. M. Nugent, 50c.; O'Neill, Ltd., $8.05; Otis-Fensom Elevator Co., $30.65; Pacific Machine Shop, $132.84; Public Transfer, $26; Ritchie Bros. & Co., $17; Robertson & Hackett Sawmills, $8.70; Simson, Balkwill Co., $21.93; J. Sinker, $12; Smith, Davidson & Wright, $8.54		1,015 08	
	Fuel, Water, Light, etc.: Brand & Co., $30; B.C. Elec. Rly. Co., Ltd., $2,565.03; B.C. Refining Co., Ltd., $31.20; B.C. Telephone Co., Ltd., $2,931.21; Burritt Bros., $4.27; Burns Drug Co., $1; Campbell's Storage Co., 50c.; Can. Express Co., 30c.; C.P.R. Co., 53c.; Carnahan Bros., $250; Darling & Co., $4.85; Dixon & Murray, $31.90; Dominion Express Co., $7.94; Graham Electric Co., $70.10; Hudson's Bay Co., $85.85; J. S. Ireland, $1; Jones & Sons, Ltd., $48; Kirk & Co., Ltd., $2,733.78; Knowlton's, Ltd., $9.50; E. Lipsett, $60.25; McArthur & Co., Ltd., $271.82; W. N. O'Neil, Ltd., $1.75; Pendray & Sons, Ltd., $28.88; Public Transfer, $3; Rankin & Cherrill, $143.22; Royal Crown Soaps, Ltd., $21; F. S. Scott, $120; Simson, Balkwill Co., $12; J. Sinker, $16; S. E. H. Smith, $40; Smith, Davidson & Wright, $104.90; D. Spencer, Ltd., $9.95; W. C. Stearman, $17; Travis & Fotheringham, $17; Van. City Waterworks, $488.27; Vancouver Gas Co., $9.16; Vancouver Hdwe. Co., 15c.; Vancouver Towel Service Co., $219; West Disinfecting Co., $204.95; Western Electrical Co., Ltd., $128.13; Woodward's Departmental Store, $7		10,730 39	
	Total expenditure, Vancouver Agency			$ 75,125 98
114.	VERNON AGENCY.			
	Salaries ($8,395.85):			
	Agent ..... L. Norris		$ 2,060 00	
	Assessor and Min'g. Recorder H. F. Wilmot		2,012 00	
	Clerks: A. B. Smith $910 00; S. B. Wightman $780 00; S. Somerville 1,352 00		3,042 00	
	Janitor ..... S. H. Moore		1,050 00	
	Carried forward		$ 8,164 00	$325,797 67 $ 251,153 59

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF FINANCE—*Continued.*			
	Government Agents and Assessors, etc.—*Continued.*			
114.	Vernon Agency—*Concluded.*			
	Brought forward	$ 8,164 00	$325,797 67	$ 251,153 59
	Salaries—*Concluded.*			
	Temporary assistance:			
	G. A. Morkill..$128 00 C. McGenn ...$103 85	231 85		
		$ 8,395 85		
	Expenses ($3,236.54):			
	W. G. Baillie, $193.14; R. E. Berry, $3.90; Campbell Bros., $84; C.P.R. Telegraph Co., $24.04; Colonist P. & P. Co., $50; Corp. of City of Vernon, $606.60; W. Crockett, $28; Dominion Express Co., $34.18; Dominion of Canada Guarantee & Accident Co., $8; J. M. Edgar, $54.60; Employers' Liability Assurance Co., $6; Finch & Co., $150; H. Gaythorpe, $10; A. Grant, $8; L. S. Gray, $6; J. Harwood, $13; R. F. Hawthorne, $9; Hudson's Bay Co., $18.85; J. T. Hunter, $14; Imperial Oil, Ltd., $30.94; King's Printer, $228.64; A. Leishman, $10; W. R. Megaw, Ltd., $7.75; S. H. Moore, $232.50; J. J. Mowat, $202.77; W. J. Nichols, $3.35; L. Norris, $6.75; Okanagan Grocery, $1.50; Okanagan Telephone Co., $231.20; postage, $381; G. M. Reed, $1; S. P. Seymour, $8.55; Vernon Hardware Co., $26.40; Vernon Lumber Co., $474.38; Vernon News P. & P. Co., $7.20; H. F. Wilmot, $61.05; J. Wyatt, 25c. ...	3,236 54		
	Total expenditure, Vernon Agency		11,632 39	
115.	Victoria Assessor.			
	Salaries ($14,868.51):			
	Assessor .....T. H. Leeming	$ 2,100 00		
	Assistant Assessor .....F. J. Sehl	1,600 00		
	Clerks:			
	W. O. Carter $1,600 00 F. Mawhinney $1,035 40			
	E. A. Lewis.. 1,340 00 G. R. Talbot.. 1,240 00	5,215 40		
	Junior Clerk .....F. M. Shandley	850 00		
	Stenographer .....V. V. Harper	600 00		
	Special Tax-collectors:			
	A. E. Kent.... 1,600 00 W. W. Moore 1,600 00			
	D. Lewis 1,237 46	4,437 46		
	Temporary assistance:			
	N. Caunter .. 40 65 M. Hamelin .. 25 00	65 65		
		$ 14,868 51		
	Expenses ($2,016 80):			
	A. S. Ashwell, $54; B.C. Telephone Co., Ltd., $120.28; C.P.R. Telegraph Co., $1.98; Colonist P. & P. Co., Ltd., $92.20; Dominion of Canada Guarantee & Accident Co., $12; W. S. Fraser & Co., Ltd., $4.60; G.N.W. Tel. Co., $1.78; A. E. Kent, $68.10; King's Printer, $642.63; T. H. Leeming, $162.95; D. Lewis, $29.30; London Guarantee & Accident Co., $32; R. Mabon, $9.75; Monteith & Co., $12; W. W. Moore, $67.05; W. Morning-Duffy, $141.80; postage, $435.18; Reliable Transfer Co., $1.50; A. C. Roberts, $2.50; Times P. & P. Co., $103.70; R. V. Winch & Co., $12; pay-list, labour, $9.50	2,016 80		
	Total expenditure, Victoria Assessor		16,885 31	
	Carried forward		$354,315 37	$ 251,153 59

UNIVERSITY OF ILLINOIS LIBRARY MAR 19 1921

No. of Vote.	SERVICE.			Expended.	
	DEPARTMENT OF FINANCE—*Continued.*				
	GOVERNMENT AGENTS AND ASSESSORS, ETC.—*Continued.*				
	Brought forward			$354,315 37	$ 251,153 59
116.	WILMER SUB-AGENCY.				
	Salaries ($1,864):				
	Mining Recorder, Registrar, etc. ..... E. M. Sandilands	$	1,864 00		
	Expenses ($320.65):				
	J. Barbour, $27; E. F. Bell, $60; R. R. Bruce, $48; C.P. Rly. Co., $1.25; Dominion Express Co., $1.65; Dominion Govt. Telegraphs, $32.79; Emp. Liability Assurance Co., $4; King's Printer, $20.91; R. Patten, $8; postage, $61.50; C. A. Watt, $30; Wilmer Merc. Co., $25.55		320 65		
	Total expenditure, Wilmer Sub-agency			2,184 65	
117.	YALE SUB-AGENCY.				
	Salaries ($1,600):				
	Mining Recorder and Collector: L. A. Dodd....$512 35 H. Beech ..	$	1,151 65	$ 1,664 00	
	Expenses ($512.70):				
	W. W. Bailey, $95; H. Beech, $74.68; Charlie (Indian), $16.60; D. J. Creighton, $191.95; L. A. Dodd, $18.65; King's Printer, $59.17; On Lee Bros., $1.15; postage, $51.50; Watson Insurance Agencies, $4		512 70		
	Total expenditure, Yale Sub-agency			2,176 70	
118.	SUNDRY SUB-AGENCIES.				
	Commissions, Salaries, and Expenses:				
	Ainsworth: King's Printer	$	5 00		
	Beaton: F. I. Fraser, $50; King's Printer, $12.91; postage, $21; W. A. Strutt, $100		183 91		
	Beaverdell: King's Printer		5 00		
	Bella Coola: King's Printer		6 78		
	Clayoquot: King's Printer		5 77		
	Copper City: King's Printer		5 00		
	Creston: Emp. Liability Assce. Co., $2; King's Printer, $5..		7 00		
	Fort St. John: F. W. Bealton, $50; King's Printer, $44.54		94 54		
	Fort St. James: King's Printer		5 00		
	Islands: Emp. Liability Assce. Co., $4; Imp. Guar. & Acc. Co., $4; King's Printer, $45.67; C. J. McDonald, $15; J. Page, $10; Sidney & I. Review, $4.80; postage, $42.70		126 17		
	Lockeport: King's Printer		4 27		
	Lytton: Postage		5 00		
	Nakusp: T. Abriel, $32.50; Co-operative Society, $2.10; Dominion of Canada Guarantee Co., $2; Dominion Express Co., $1.55; A. E. Fowler, $32; J. R. Jamieson, $10.80; King's Printer, $16.16; postage, $12; W. Scott, $543.80; Wagstaff & V., $13.50....		666 41		
	Carried forward	$	1,119 85	$358,676 72	$ 251,153 59

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF FINANCE—*Continued.*			
	GOVERNMENT AGENTS AND ASSESSORS, ETC.—*Concluded.*			
118.	SUNDRY SUB-AGENCIES—*Concluded.*			
	Brought forward	$ 1,119 85	$358,676 72	$ 251,153 59
	Commissions, Salaries, and Expenses—*Concluded.*			
	Osoyoos:			
	King's Printer	5 00		
	Port Essington:			
	King's Printer	5 00		
	Quatsino:			
	E. Evenson, $20; King's Printer, $7.67; postage, $7; O. A. Sherberg, $25	59 67		
	Sandon:			
	Emp. Liability Assce. Co., $2; King's Printer, $5	7 00		
	Slocan:			
	King's Printer, $6.04; T. C. McNeish, $120; postage, $7.92	133 96		
	South Fort George:			
	A. C. Minty	2 50		
	Stewart:			
	G. George, $3.50; King's Printer, $14.89; London Guarantee & Accident Co., $4; postage, $10	32 39		
	Telkwa:			
	King's Printer	5 00		
	Ymir:			
	King's Printer	3 15		
	Total expenditure, Sundry Sub-agencies		1,373 52	
	Total expenditure, Government Agents and Assessors, etc.			360,050 24
118A.	BONUS IN VIEW OF THE INCREASED COST OF LIVING.			
	(Amounts added to respective salaries under Votes 109 and 117.)			
119.	PRINTING PUBLIC ACCOUNTS.			
	King's Printer		$ 3,573 80	
	Total expenditure, Printing Public Accounts			3,573 80
120.	INTEREST ON SUITORS' FUNDS AND OFFICIAL GUARDIAN DEPOSITS.			
	W. J. Anderson, $6.26; Bank of Montreal, Vernon, 37c.; Bank of Nova Scotia, Vancouver, 33c.; Barnard, Robertson, Heisterman & Tait, $106.38; Bodwell & Lawson, $1.80; Bowser, Reid & Wallbridge, *et al.*, $92.07; B.C. Elec. Rly. Co., Ltd., $231.25; A. Bull, 78c.; E. E. Caddell, $21.71; R. Cassidy, $2.50; Cochrane & Ladner, $25.91; Cowan, Ritchie & Grant, 18c.; Craig & Parker, $3.75; E. M. Crowther, $9.36; Davis & Co., $168.94; Dickie & DeBeck, $1.13; Elliott, McLean & Shandley, $23.84; E. J. Grant, $11.25; W. Gregory, $48; Griffin & Co., $1.12; Gwillim, Crisp & McKay, $63.94; I. H. Hallett, $3.12; M. E. Howe, $8.25; A. L. P. Hunter, $12.59; I. Singh & Baram Das, $21.21; Island Lumber Co., 80c.; Jackson & Baker, 75c.; A. S. Johnston, $4.36; J. D. Kennedy, $8.45; Killam & Beck, $3.25; Lawe & Fisher, $1.62; A. Medwedrich, $46.40; F. C. Moffatt, $2.97; L. McCann, $1.27; McCrossan & Harper, 75c.; J. H. MacGill, 25c.; J. A. McInnes, $1.50; MacKay & Miller, $2.19; C. C. McLarty, $3.50; J. E. McMullen, $1.12; McQuarrie, Martin, Cassidy & Macgowan, 25c.; O'Shea & Farris, $14.49; R. L. Pochin, $40.43; Pooley, Luxton & Pooley, $1.70; G. F. Reinhard, $1.75; Russell, Hancox & Anderson, $8.75; G. L. Schetky, $9.24; Summerland Tel. Co., $9.20; Taylor, Mayers, Stockton & Smith, $6.75; F. W. Tiffin, $17.35; Tupper & Bull, $2.35; T. E. Wilson, $2.50; Wilson & Whealler, $5.93		$ 1,065 91	
	Total expenditure, Interest *re* Suitors' Funds, etc.			1,065 91
	Carried forward			$ 615,843 54

No. of Vote.	SERVICE.	Expended.	
	DEPARTMENT OF FINANCE—*Continued.*		
	Brought forward		$ 615,843 54
121.	DELINQUENT EXTRA-MUNICIPAL SCHOOL TAXES.		
	Fernie, $954.75; Kaslo, $1,858.82; Mission City, $1,072.06; Royal Oak, $852.64; Slocan, $379.28; Vernon, $4,842.77	$ 9,960 32	
	Total expenditure, Delinquent School Taxes		9,960 32
122.	OPERATION OF THE "AMUSEMENTS TAX ACT."		
	Salaries ($3,658.75):		
	Censor ..... W. Hepburn	$ 460 00	
	Inspectors:		
	C. N. Gowen .....$675 00 M. G. Watkis $1,290 00	1,965 00	
	Clerk .....C. P. Brewer	660 00	
	Temporary assistance:		
	J. Bell ..... 361 75 R. M. Horton 212 00	573 75	
		$ 3,658 75	
	Expenses ($1,476.20):		
	G. W. Barker Co., $350.70; B.C. Telephone Co., $27.33; Canadian Express Co., 90c.; C.P.R. Tel. Co., $53.69; P. Carr, $6.15; Dixon & Murray, $10.35; Dominion Express Co., $34.25; Dominion Govt. Telegraphs, $1.87; C. N. Gowen, $15.75; W. Hepburn, $92.35; King's Printer, $15.25; McLennan, McFeely & Co., $15.50; Nicholson, Ltd., $601.71; W. A. Oswald, $2.15; postage, $115; A. T. Stephenson, $81; J. R. Tacey & Son, $20.25; M. G. Watkis, $32	$ 1,476 20	
	Total expenditure, Operation of "Amusements Tax Act"		5,134 95
123.	PREMIUM ON FIRE INSURANCE, FAIRVIEW WORKS.		
	Nil		
124.	MISCELLANEOUS, NOT DETAILED IN ESTIMATES.		
	Printing and Advertising *re* Tax Sales, etc. ($64,810.25):		
	Ashcroft Print Co., $220.32; Cariboo Observer, $146.88; Chilliwack Progress, $189.56; Colonist P. & P. Co., Ltd., $111; Columbian Co., Ltd., $284.40; Comox Argus, $2,034.72; Cowichan Leader, $719.28; Creston Review, $1,378.08; Fernie District Ledger, $2,672; Globe Printing Co., $262.50; Golden Star Pub. Co., $879.12; Grand Forks Gazette, $957.96; Interior News, $2,665.44; Kamloops Telegram, $938.88; Kelowna Courier, $1,153.80; King's Printer, $15,898.33; Kootenaian, $1,283.04; Ledge, The, $758.16; Merritt Herald, $236.52; Monetary Times, $21.25; F. McCrillis, $40; MacLean Pub. Co., Ltd., $187.50; Nanaimo Daily Herald, $84.24; Omineca Herald, $77.76; Penticton Herald, $591.84; Port Alberni News, $2,029.32; Port Coquitlam Pub. Co., $1,003.50; Prince George Citizen, $10,400.40; Princeton Star, $502.68; Prince Rupert News, $4,317.67; Revelstoke Review, $1,794.91; Sidney and Islands Review, $148.84; Technical Press, $500; Times P. & P. Co., Ltd., $1,330.90; Toronto Daily Star, $40; Toronto Mail and Empire, $262.50; Vancouver Daily Province, $151.80; Vancouver Daily Sun, $8,519.40; World, The, $15.75	$ 64,810 25	
	Re Visit of H.R.H. Prince Arthur of Connaught ($1,021.65):		
	B. J. H. Boulton, $50; Canadian Pacific Railway Co., $516; T. L. Corbett, $25; Empress Hotel, $265.65; F. R. Moore, $54; Reliable Messenger Co., $1; J. Fyfe Wilson, $110	1,021 65	
	Re Visit of General Pau ($78.90):		
	C.P.R. Telegraph Co., $18.90; Dominion Govt. Telegraphs, $13.40; Empress Hotel, $44.60; F. R. Moore, $2	78 90	
	Re Visit of H.I.M.S. "Kirishimu" ($727.46):		
	B.C. Elec. Rly. Co., Ltd., $240; Cameron & Calwell, $44; Empress Hotel, $118.50; Royal Victoria Theatre, $324.96	727 46	
	Carried forward	$ 66,638 26	$ 630,938 81

No. of Vote.	SERVICE.		Expended.
	DEPARTMENT OF FINANCE—*Continued.*		
124.	MISCELLANEOUS, NOT DETAILED IN ESTIMATES—*Concluded.*		
	Brought forward	$ 66,638 26	$ 630,938 81
	Re Transfer, L. A. Dodd, Yale to Barkerville ($682.35): L. A. Dodd, $224.35; A. W. Jervis, $238; W. V. Livingstone, $220	682 35	
	Re Transfer, Government Agent's Office, Nicola to Merritt ($67.50): Pay-list (labour)	67 50	
	Re Transfer Government Agent's Office, Hazelton to Smithers ($1,494.16): Beaton & Hoops, $72.50; Canadian Express Co., 95c.; F. B. Chettleburgh, $4.40; A. Chisholm, $6.85; Cunningham & Son. $2.40; H. Fotherby, $7.50; G.T.P. Rly. Co., $215; S. H. Hoskins, $31.05; J. S. Kennedy, $10.55; J. E. Kirby, $7.60; E. E. Orchard, $111.25; Ruddy & McKay, $607.10; R. S. Sargent, $50; N. Svenson, $348.06; H. Welch, $18.95	1,494 16	
	Gratuities ($3,074): Department of Finance: J. F. Boyd, $345; H. Goodall, $270; H. D. Morten, $300; A. J. B. Stevenson, $545; M. Ward, $321. Department of Education: M. Spouse, $700. Department of Lands: W. Lawley, $375. Department of Provincial Secretary: S. Whittaker, $218	3,074 00	
	Re Ministerial Trip through Omineca ($100): D. M. Gerow, $25; G. Gorges, $45; B. M. Hoops, $20; W. J. O'Neill, $10	100 00	
	"Dyking Assessment, 1918" ($26.76): Corporation of District of Chilliwack, $6.47; Matsqui District, $6.96; Coquitlam District, $10.87; Pitt Meadows District, $2.46..	26 76	
	General:		
	C. L. Armstrong, grant *re* Convention of Rotary Clubs	363 35	
	W. W. Bailey, repairs to river-gauge at Yale	5 50	
	H. Carry, fee and expenses *re* inspection and report on Nakusp & Slocan Railway	293 95	
	City of Prince Rupert, grant *re* local improvement taxes, 1918....	242 88	
	A. L. Fraser, M.D., medical report	10 00	
	J. Gilbert, transcript *re* Wellington Colliery *et al. v.* Pacific Coast Coal Mines, Ltd.	3 50	
	Government Agent, Prince Rupert, payment of Road Superintendent Cheque No. 7912, brought to Revenue, 1918	52 44	
	T. N. Hibben Co., mourning note-paper *re* the late Hon. H. C. Brewster	10 80	
	A. S. Hurst, transcript *re* "Prohibition Overseas Vote Investigation Act"	78 32	
	International Mining Convention, Revelstoke, grant	500 00	
	W. M. McCloy, services auctioneer at dyking tax sale, New Westminster	25 00	
	E. Nield, transcript *re* Canadian Northern Railway arbitration..	23 30	
	North-East Kootenay Chamber of Mines, care of exhibit, freight, cartage, etc.	250 00	
	Pacific Cartage Co., freight and cartage *re* mineral record-books for Nass River	1 71	
	G. E. Pelton, compensation for damage to trousers	10 00	
	Royal Bank, Quesnel, exchange on cheques	10 45	
	Vancouver Island Mine Safety Association grant	500 00	
	Total expenditure, Miscellaneous, not detailed in Estimate		74,464 23
	STATUTORY EXPENDITURE (CHAPTER 64, 1917, "BOARD OF TAXATION ACT").		
	W. G. Cameron, salary, $1,650, expenses, $21.25; T. Kidd, salary, $1,550, expenses, $21.25; B.C. Telephone Co., Ltd., $1.24		3,243 74
	STATUTORY EXPENDITURE (CHAPTER 32, 1918).		
	Lady McBride	$ 5,000 00	
	Executors of the estate of the late Hon. H. C. Brewster	5,000 00	
			10,000 00
	Carried forward		$ 718,646 78

No. of Vote.	SERVICE.	Expended.
	DEPARTMENT OF FINANCE—*Concluded.*	
	Brought forward	$ 718,646 78
	STATUTORY EXPENDITURE (SECTION 155, CHAPTER 222, 1911, "MINERAL-TAX REFUNDS").	
	Albion Mine, $2.72; Copper Standard Mine, $23.95; Copper Queen Mine, $2.60; Millie Mack Mine, $18.47; Montezuma Mine, $2.99; Panama Mine, $72.65; Silver Creek Group Mine, $7.75; Tariff Mine, $21.52	152 65
	STATUTORY EXPENDITURE (SECTION 53, CHAPTER 22, "REVENUE ACT, 1911").	
	W. W. Anderson, $5; G. S. Atkins, $5; J. E. V. Carpenter, $10; G. Davis, $5; J. G. Fordham, $10; G. M. Foster, $10; H. H. Foster, $10; J. Hall, $20; D. E. Johnson, $5; G. H. Manchester, $10; J. L. Rolston, $5; W. Robinson, $10	105 00
	SPECIAL WARRANT NO. 5.	
	Refund to Harry Jones of amount brought to Revenue over and above cost of maintenance of Watkin Charles Price in the Provincial Home, Kamloops	749 40
	SPECIAL WARRANT NO. 24.	
	Grant to City of Prince Rupert in lieu of local improvement taxes, 1918	2,466 78
	Total expenditure, Department of Finance	$ 722,120 61
125.	DEPARTMENT OF FISHERIES.	
	Salaries ($8,166.56):	
	Assistant to the Commissioner .... J. P. Babcock	$ 3,420 00
	Inspector of Fisheries .... C. P. Hickman	1,479 96
	Stenographer .... F. M. D. Agnew	780 00
	Salmon Investigator .... Dr. C. H. Gilbert	1,500 00
	Overseers and Inspectors:	
	T. D. Patterson .... $190 00 W. A. Wisley $200 00	
	A. W. Stone 596 60	986 60
		$ 8,166 56
	Expenses ($5,892.65):	
	Office Supplies, etc.:	
	B.C. Telephone Co., Ltd., $59.10; C.P.R. Telegraph, $22.65; F. N. Clark, $108.50; A. O. Cooke, $36; Dominion Express Co., $2.80; Dominion Govt. Telegraphs, $3.13; J. Eholt, $75; C. H. Gilbert, $76.02; G.N.W. Telegraph Co., $9.57; H.M. Customs, $4.50; Industrial and Educational Press, $1; King's Printer, $885.10; E. Lipsett, $229.68; A. H. Maynard, $7.50; C. Michelin, $32.50; Pacific Fisherman, $4.50; Pacific Marine Pub. Co., $250; Peerless Key Co., $4.50; postage $59.30; E. G. Prior & Co., $8.20; Reliable Transfer Co., 75c.; A. W. Stone, $34.40; Times P. & P. Co. (Victoria), $115.55; Whiton Hardware Co., $13.85; Weiler Bros., $4.20; F. W. Weymouth, $71.40; F. J. Williams, $3	2,122 70
	Travelling Expenses:	
	J. P. Babcock, $324.55; C. H. Gilbert, $346; T. E. Scott, $20; A. W. Stone, $876.50; W. A. Wisley, $55.75	1,622 80
	Collection of Fishery Taxes:	
	J. P. Babcock, $103.40; K. F. Birchall, $17.50; J. Brown, $5.50; R. Gibson, $20; R. Grey, $6; C. P. Hickman, $317.23; postage, $5; A. W. Stone, $603.07; W. A. Wisley, $543.45	1,621 15
	Seton Lake Hatchery:	
	J. B. Arthur, $500; Lillooet Feed Stable, $10; postage, $3; pay-list, $13	526 00
	Total expenditure, Department of Fisheries	$ 14,059 21

No. of Vote.	SERVICE.			Expended.	
	DEPARTMENT OF LANDS.				
126.	Minister's Office.				
	Salaries ($8,820):				
	Minister of Lands	Hon. T. D. Pattulo		$ 6,000 00	
	Secretary	W. Turnbull		1,860 00	
	Clerk and Stenographer	I. A. Gill		960 00	
				$ 8,820 00	
	Expenses ($2,902.71):				
	Office Supplies, etc.:				
	American Forestry Association, $3.25; B.C. Telephone Co., $146.70; B.C. Veterans' Weekly, $2; Campaigner Magazine, $1; Canadian Finance, $2; Canadian Forestry Association, $3; C.P.R. Telegraph, $1.43; Globe, The, $4; G.N.W. Telegraph, $22.70; Kamloops Telegram, $1; King's Printer, $93.05; P. J. Mackay, $28.15; Maclean Pub. Co., $3; Omineca Herald, $4; postage, $83.35; Public Works Department, $4.25; Saturday Night, $3; C. H. Smith & Co., $5; J. Somers & Sons, $2.75; Vancouver Sun, $4; Vanderhoof Herald, $2; Victoria Colonist, $9; Victoria Times, $25.20; The World, $7			460 83	
	Travelling Expenses:				
	Hon. T. D. Pattullo, $2,160; W. Turnbull, $281.88			2,441 88	
	Total expenditure, Minister's Office				$ 11,722 71
127.	General Office.				
	Salaries ($81,789.20):				
	Deputy Minister	G. R. Naden		$ 3,600 00	
	Officer Manager	C. B. Peterson		2,400 00	
	Departmental Secretary	C. A. Pope		2,400 00	
	Chief Clerk	J. Hoy		2,192 00	
	Accountant	N. F. Pite		1,800 00	
	Assistant Accountant	D. H. R. Tuthill		1,708 00	
	Clerks:				
	S. F. Banks	$1,380 00	W. Moore	$1,380 00	
	W. S. Beckwith	1,260 00	H. E. Morris	1,660 00	
	J. F. Beilby	1,412 00	W. A. Mulcahay	1,260 00	
	T. Blackwood	630 00	C. W. Munslow	1,260 00	
	N. P. Blandy	240 48	H. R. McIntyre	1,560 00	
	W. Bolland	1,440 00	D. B. McLaren	1,260 00	
	H. N. Boss	1,260 00	E. G. McWilliams	320 00	
	R. F. Brett	122 58	A. H. Nunn	1,062 50	
	A. J. Briggs	1,400 00	A. Paton	1,315 07	
	W. J. W. Brown	745 65	W. J. Rant	1,732 00	
	W. S. Brown	672 00	F. W. Reeves	1,440 00	
	J. Carter	329 03	H. T. Renwick	1,260 00	
	J. J. Colbert	984 84	W. Robertson	1,275 00	
	G. V. Copley	1,440 00	W. A. Robins	1,792 00	
	G. V. Cuppage	1,260 00	W. J. Ross	1,320 00	
	S. D. Fetherston	1,040 83	W. R. Sayer	1,440 00	
	E. P. Fox	1,332 00	H. H. Smith	1,440 00	
	H. M. Hall	1,320 00	A. B. Stewart	1,320 00	
	W. P. Hall	75 00	T. Taylor	960 00	
	H. Henshall	990 00	C. S. Thompson	1,380 00	
	C. E. Hopper	1,520 00	W. A. Turner	1,720 00	
	J. Hutchison	1,600 00	G. Vallance	1,320 00	
	H. J. Johnston	258 85	G. Wallace	850 00	
	M. A. Mellon	900 00	A. J. Warren	1,055 50	54,995 33
	Stenographers:				
	R. Callister	720 00	M. S. McDonald	885 00	
	E. M. Earle	1,014 80	V. McGill	780 00	
	L. C. Foggo	99 00	B. McLennan	430 72	
	S. M. Gosse	642 00	M. Pratt	180 00	
	Carried forward			$ 69,095 33	$ 11,722 71

No. of Vote.	SERVICE.				Expended.	
	DEPARTMENT OF LANDS—*Continued.*					
127.	GENERAL OFFICE—*Concluded.*					
	Brought forward				$ 69,095 33	$ 11,722 71
	Salaries—*Concluded.*					
	Stenographers—*Concluded.*					
	V. Jagers	$ 960 00	G. M. Rant	$ 780 00		
	M. Langley	720 00	B. L. Smith	451 61		
	L. Mathieson	826 00	A. M. Wolfe	720 00		
	V. E. V. Mesher	720 00			9,929 13	
	Junior Clerks:					
	H. Faulkner	240 00	W. J. Moore	35 00		
	S. Ferrabee	160 00	J. M. McBrady	160 00		
	E. Fullerton	140 00	O. Turner	276 66		
	C. Hoult	374 84			1,386 50	
	Messengers:					
	W. Brooks	35 50	R. J. Venn	344 08		
	A. Food	160 65	E. H. J. Walker	323 95		
	F. Howland	179 03	E. A. Walls	319 70		
	J. J. McCreadie	15 33			1,378 24	
	Total expenditure, General Office Salaries					81,789 20
128.	LANDS BRANCH.					
	Salaries ($7,484):					
	Superintendent of Lands		H. Cathcart		2,940 00	
	Inspectors of Pre-emptions:					
	R. Gillespie	$1,524 00	J. W. Smith	$1,680 00		
			T. H. Worthington			
	J. E. Kennedy (5 mos.)	500 00	(7 mos.)	840 00	4,544 00	
	Total expenditure, Lands Branch Salaries					7,484 00
129.	FOREST BRANCH.					
	Salaries ($131,632.18):					
	Chief Forester		M. A. Grainger		$ 3,600 00	
	Foresters:					
	P. Z. Caverhill	$2,955 00	W. J. van Dusen	$1,341 77	4,296 77	
	Assistant Forester		L. B. Beale		2,100 00	
	Forest Assistants:					
	E. C. Manning	1,665 00	H. G. Marvin	215 75	1,880 75	
	Inspector		S. W. Barclay		2,296 00	
	District Foresters:					
	R. E. Allen	2,325 00	J. G. McDonald	1,800 00		
	C. MacFayden	2,028 60	E. B. Prowd	2,100 00		
	G. P. Melrose	1,800 00	P. Sharkey	1,800 00	11,853 60	
	Accountant		J. MacKay		1,800 00	
	Clerks, District Offices:					
	L. H. Archer	$960 00	E. Howe	900 00		
	F. J. Ball	45 16	D. W. Hudson	900 00		
	J. W. Barker	978 70	J. N. Johnston	756 15		
	R. L. Condy	261 30	B. Keeping	382 66		
	L. Creelman	240 00	F. E. Lawrence	715 64		
	D. Drummond	749 03	H. Leyster	780 00		
	M. I Elliott	900 00	J. V. Macdonald	529 44		
	J. B. Fee	568 55	M. Macdonald	629 05		
	B. M. Gavin	840 00	J. Parker	450 00		
	A. M. Grant	1,035 00	W. E. Pidcock	1,750 00		
	M. Hicks	780 00	R. L. Scoble	788 30	15,938 98	
	Supervisor of Scalers		A. L. Byrant		2,700 00	
	Assistant Supervisor of Scalers		J. M. Hillis		2,280 00	
	Recorder of Scaling		A. H. Mogridge		1,087 65	
	Check Scalers:					
	J. Milroy	310 50	R. Trinder	125 00	435 50	
	Carried forward				$ 50,269 25	$ 100,995 91

No. of Vote.	SERVICE.	Expended.
	DEPARTMENT OF LANDS—*Continued.*	
129.	FOREST BRANCH—*Concluded.*	
	Brought forward	$ 50,269 25 $ 100,995 91

Salaries—*Concluded.*

Scalers and Tallymen:				
T. J. Barry	$ 265 00	J. W. Macfarlane	$1,350 00	
H. Bird	1,140 00	C. H. Marshall	1,800 00	
A. Cameron	1,800 00	J. F. Marshall	1,920 00	
J. L. Clark	530 32	A. R. McDonald	1,575 00	
E. O. Cohoon	1,209 50	G. R. McKay	1,920 00	
T. B. Coughlan	320 00	J. McPhee	1,440 00	
A. E. Dunning	1,800 00	J. A. McLean	1,920 00	
C. Durant	1,680 00	J. T. McLeod	1,920 00	
J. N. Durrell	1,800 00	F. McRae	1,800 00	
D. A. Galbraith	1,920 00	J. A. McRae	1,560 00	
A. Garrett	1,800 00	N. Roney	1,200 00	
J. Golden	930 00	A. C. Rudland	840 65	
A. Hamilton	220 00	W. Scott	1,680 00	
T. Henry	1,800 00	J. E. Simpson	1,680 00	
J. F. Houston	1,049 20	J. R. Tytler	1,219 36	
E. Hunt	1,250 00	G. Wallace	100 00	
P. Kidd	80 00	F. Whitehead	1,680 00	
M. E. R. Macfarlane	919 35	J. S. Yuill	483 85	46,602 23
Inspectors of Rangers, six months:				
W. R. Flumerfelt	900 00	R. V. Stuart	900 00	1,800 00
Rangers, six months:				
A. A. Archer	61 29	W. Miller	720 00	
A. M. Black	810 00	R. E. Mills	810 00	
W. Carey	660 00	N. Moore	900 00	
R. H. Chestnut	810 00	W. L. Muir	651 60	
J. R. Creelman	135 00	J. W. McCluskey	780 00	
J. M. Daniels	750 00	G. E. McParlon	720 00	
J. H. Davey	720 00	H. S. Nelson	810 00	
G. L. Davies	780 00	A. E. Noble	720 00	
J. A. Fairbank	750 00	J. R. Noot	780 00	
J. B. Foley	660 00	J. T. Price	810 00	
A. Hunter	720 00	F. H. Pym	750 00	
E. H. Jackson	660 00	H. H. Thomas	810 00	
A. R. Johnston	720 00	L. Watmough	660 00	
F. A. Macdonald	840 00	G. B. Watson	759 96	
D. C. MacPherson	810 00	G. M. Wood	657 50	
J. A. Mahood	720 00			21,945 35
Assistant Ranger (6 mos.)		G. Lawson		660 00
Telephone Lineman (6 mos.)		W. J. Sutherland		720 00
Captain (6 mos.)		D. Archie		720 00
Engineers, six months:				
J. Bowden	600 00	H. A. McCall	349 32	
R. A. Caddell	600 00	G. Palmer	540 00	
L. G. Carrick	540 00	G. H. Smith	393 00	
J. B. MacKay	600 00	A. H. Warburton	540 00	
B. Millard	199 28			4,361 60
Temporary assistance:				
A. H. Black	147 32	B. Millner	283 08	
C. W. Burnett	90 00	A. McDonald	250 00	
R. Chestnut	100 57	B. Newbury	78 39	
S. Cooling	85 00	H. Orr	90 00	
F. Derry	510 00	W. H. Smith	65 00	
G. Doris	21 00	M. Stapleton	720 00	
R. A. Dyer	408 00	E. M. Sutherland	643 55	
H. Graham	511 61	G. Warren	87 10	
S. Ives	160 71	H. Worrell	227 42	
G. MacPherson	75 00			4,553 75
Total expenditure, Forest Branch Salaries				131,632 18
Carried forward				$ 232,628 09

No. of Vote.	SERVICE.	Expended.
	DEPARTMENT OF LANDS—*Continued.*	
	Brought forward	$ 232,628 09
130.	WATER BRANCH.	
	Salaries ($29,843.04):	
	Comptroller of Water Rights — W. Young (11 15-28 mos.)	$ 3,511 87
	Comptroller of Water Rights — E. A. Cleveland (1 8-28 mos.)	476 18
	Chairman, Board of Investigation — J. F. Armstrong	2,800 00
	Member, Board of Investigation — J. S. T. Alexander	3,000 00
	Chief Engineer — E. Davis	2,700 00
	Engineers:	
	G. Anderson $1,600 00 — E. G. Marriott $1,860 00	
	W. J. E. Biker 2,400 00 — J. F. Rowlands 2,040 00	
	F. H. Groves 2,400 00 — W. C. Smith 525 00	
	F. W. Knewstubb 875 00 — C. Varcoe 2,400 00	14,100 00
	Assistant Engineers:	
	E. P. Girdwood 1,154 16 — H. G. Lawley 945 83	
	A. G. Hatton 1,155 00	3,254 99
	Total expenditure, Water Branch Salaries	29,843 04
131.	SURVEY BRANCH.	
	Salaries ($42,508.48);	
	Surveyor-General — J. E. Umbach	$ 3,600 00
	Chief Draughtsman — F. O. Morris	2,400 00
	Draughtsmen:	
	W. J. Baile $1,512 00 — E. P. McKie $1,320 00	
	A. Bamford 1,260 00 — C. I. McKenzie 1,270 93	
	T. Bamford 2,200 00 — F. M. Philips 1,680 00	
	W. Blaine 1,320 00 — J. Ridley 1,572 00	
	H. Davis 1,572 00 — C. W. Saunders 1,260 00	
	R. Egerton 1,092 00 — R. H. Simmons 1,612 00	
	A. L. Fraser 1,512 00 — W. H. Stokes 1,740 00	
	A. G. Hatton 105 00 — W. S. Taynton 1,152 00	
	E. T. Hodgkinson 1,500 00 — W. L. Thomas 1,632 00	
	J. Keys 1,392 00 — C. E. Tildesley 655 00	
	A. Laurie 1,632 00 — R. H. White 786 13	
	A. Lindsay 1,392 00 — H. M. Wright 1,680 00	32,849 06
	Register Clerk — A. Symonds	1,332 00
	Map-mounter — E. Sturgeon	1,340 00
	Junior Clerks:	
	H. Blackmore 150 97 — H. M. Genn 207 58	
	W. Brooks 370 32 — E. P. Rust 258 55	987 42
	Total expenditure, Survey Branch Salaries	42,508 48
	GENERAL.	
132.	TEMPORARY ASSISTANCE.	
	W. Adams $ 6 00 — E. J. Mellon $320 00	
	A. D. Anderson 107 14 — A. L. Melrose 2 50	
	L. B. Beilby 70 16 — B. McLennan 8 75	
	A. Bennett 50 74 — J. McMahon 12 00	
	A. C. Benson 222 45 — J. F. McMillan 266 90	
	D. Black 325 80 — D. P. McMillan 372 77	
	P. S. Bonney 257 14 — D. J. McRae 31 95	
	J. H. Bull 75 90 — F. McVicker 267 85	
	R. E. Burn 28 39 — F. Nichols 54 30	
	H. Chapman 12 00 — J. Nixon 5 00	
	J. H. Cocking 66 50 — W. E. Noble 660 00	
	J. B. Fee 415 32 — H. Orr 51 43	
	F. M. Flett 77 37 — C. B. Palmer 6 75	
	L. C. Foggo 36 00 — J. Parkin 288 60	
	M. Goddard 260 00 — M. Pratt 14 00	
	Carried forward	$ 304,979 61

No. of Vote.	SERVICE.	Expended.

DEPARTMENT OF LANDS—*Continued.*

GENERAL—*Continued.*

132. TEMPORARY ASSISTANCE—*Concluded.*

Brought forward ..... $ 304,979 61

S. C. Hawkins	$ 83 93	L. A. Roberts	$903 22		
N. J. Heavenor	56 85	M. E. Sayer	85 71		
O. Higgins	6 00	B. H. Sharp	326 61		
E. Jesse	738 00	J. Sheppard	46 00		
F. W. Knewstubb	44 35	H. G. Sherwood	99 10		
E. M. Knight	22 50	J. G. Smith	183 33		
J. Leeson	103 50	G. H. Stevenson	660 00		
C. Lewis	12 50	E. M. Streeter	589 33		
L. M. Lloyd-Young	54 30	C. E. Watson	222 75		
R. J. Lott	3 75	R. Wilson	41 78		
D. Macklin	240 00	R. S. Wilton	2 00		
J. Mader	110 43	A. Wheeling	649 00	$ 9,658 65	

Total expenditure, Temporary Assistance 9,658 65

133. EXPENSES (INCLUDING GENERAL OFFICE AND BRANCHES).

Office Supplies, etc.:

Akerberg, Thomson & Co., $2.50; A. P. Andersen, $23.30; W. W. Baer, $10; A. G. Bagley & Sons, Ltd., $14.60; E. R. Bailey, $3; W. G. Baillie, $15; L. B. Beale, $2.40; Beattie-Noble Co., Ltd., $3.60; P. Becker, $20; R. E. Berry, Ltd., $2.50; W. J. E. Biker, $62.30; B.A. Paint Co., $3.50; B.C. Telephone Co., Ltd., $1,883.76; Buda Co., $29.46; J. Bulger, $12; Burr Office Supplies, $2; Burroughes Adding Machine Co., $13; Campbell's Storage Co., $13.26; Canadian Bank of Commerce, $4.15; Canadian Express Co., $125.65; Canadian Forestry Association, $4; Canadian General Electric Co., $49.85; Can. Pac. Rly. Co., $1,292.50; Carter Electric Co., $50.88; P. Z. Caverhill, $4.40; E. Chyber, $3; Circle W Motor Boat Co., $1; City Cartage & Transfer Co., $1.75; City of Kamloops, $10.55; City of Prince George, $12; City of Prince Rupert, $49; City Transfer & Warehouse Co., 85c.; Clarke & Stuart Co., Ltd., $406.40; Collector of Customs, $10.79; Cooper-Hewitt Elec. Co., $155; Cranbrook Elec. Light Co., $10; F. Deeley, $7.50; Dept. of Inland Revenue, $5; Dept. of Printing, etc., Ottawa, 75c.; Dixon & Murray, $2.25; Dom. Express Co., $438.96; Dom. Govt. Telegraphs, $898.50; E. H. Dunwoody, $5; C. Durant, $1.10; J. N. Durrell, $4.25; Elec. Blue Print Co., $1,303.15; E. & N. Rly. Co., $115.75; False Creek Lumber Co., 98c.; H. Fleming, $24.92; A. N. Fletcher, $3.50; Fort George & Alta. Tel. Co., $31.50; Fort George Drug Co., $3.40; Fraser Express Co., 75c.; W. S. Fraser & Co., Ltd., $20.62; General Cartage Association, $1; Graham Elec. Co., $3.05; M. A. Grainger, $3.25; G.T.P. Coast S.S. Co., Ltd., $3.25; G.T.P. Rly. Co., $5; G.T.P. Telegraph Co., $102.86; Grant-Holden-Graham, $3; G.N.W. Tel. Co., $206.34; A. F. Green, $74.63; J. Green, $2.50; Green Bros. & Burden, $6.15; F. W. Groves, $141.18; Harrison & Co., $7.50; A. G. Hatton, $2.95; Hawkins & Hayward, $16.45; Harkness & Son, $29; Hewitt & Co., Ltd., $2.50; Hibben & Co., $2.75; Hooper Pub. Co., $2; Hudson's Bay Co., $6; Hughes-Owens Co., Ltd., $965.97; Imperial Munitions Board, $100; Ind. Progress and Commercial Record, $1; A. E. Jones, $10.80; Kelowna Courier, $3.40; King's Printer,

Carried forward ..... $ 314,638 26

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF LANDS—*Continued.*			
	GENERAL—*Continued.*			
133.	EXPENSES (INCLUDING GENERAL OFFICE AND BRANCHES)—*Continued.*			
	Brought forward			$ 314,638 26
	Office Supplies, etc.—*Concluded.*			
	$15,907.83; Kootenay Tel. Lines, $50.75; J. Lathom, $18; T. Lawson, 30c.; Leith Bros., $25.75; Lemon, Gonnason & Co., Ltd., $126.21; Letson & Burpee, Ltd., $121.75; Macey Office Equipment Co., $406.10; A. E. Malacord, $9; A. R. Mallory, $5.50; E. C. Manning, $1.25; Marlatt & McKenzie, $2.50; Martin Bros., $5; Masset Timber Co., $23.05; Mellor Bros., $2.05; G. P. Melrose, $49.41; G. C. Middaugh, $7; Mitchell-Foley, Ltd., $1.63; Monetary Times, $3; C. Moore, $2; N. Moore, $1.60; J. G. MacDonald, $1.75; J. McDougall, $16; C. MacFayden, $11.45; A. W. MacLean, $10; H. C. MacLean Co., Ltd., $18; McLennan, McFeely Co., Ltd., $56.37; G. E. McParlon, 20c.; D. C. McPherson, $5; McRae Bros., $35.67; McTavish Bros., $56.25; F. W. Nolte & Co., $30; Norris & Sons, $34; N. Electric Co., $10.50; N. Hardware Co., 70c.; N. Lumber & Merc. Co., $16.60; Office Specialty Mfg. Co., $17.90; Okanagan Tel. Co., $84.25; Omineca Herald, $4; W. N. O'Neil Co., Ltd., $6; Pacific Cartage, $56.78; Parkin & Ward Elec. Co., $11.90; Parks & Co., $9.07; Patmore Bros., $2; Peerless Key Co., $54; S. Percival, $2.80; Pony Express, $1; postage, $3,195.48; A. E. Price, $7.60; Prince George Livery, $1; Prince Rupert Daily News, $17; Prior & Co., Ltd., $4.30; E. B. Prowd, $32.15; Public Works Dept. (labour), $145.75; Ramsay & Co., Ltd., $168.90; Reliable Transfer Co., $37.46; J. N. Rogers, $1.85; D. H. Ross Co., 75c.; Royal Typewriter Agency, $2.05; Rush Transfer, $16; San Equipment & Supplies, $24; R. S. Sargent, $3.50; A. Sheret, $138.26; Ship Chandlers, Ltd., $1.40; S. M. Simpson, $34.20; Simson-Balkwill Co., $173.92; Smith & Champion, $1; Soc'y of American Foresters, $15; D. Spencer, Ltd., $18.08; Standard Furniture Co., $8; G. A. & E. Stevens, $24; F. Stork, $13.65; Sunset Blue Print Co., 25c.; Taylor & Co., $25.90; Thompson Hardware Co., $2; G. D. Tite, $3; Turner, Beeton & Co., $180.22; United Typewriter Co., $771; A. Urquhart, $7.25; Vancouver Daily Sun, $8; Vancouver Map & Blue Print Co., $4.50; C. Varcoe, $64.85; Victoria Book and Stationery Co., Ltd., $35.10; Victoria Gas Co., $20.87; Watson & McGregor, $1.20; W. Webster, $2.50; Western Specialty Co., $25.73; F. Whitehead, $9.90; G. B. Williams, $1.50; Windsor Grocery Co., $5.70; G. M. Wood, $7; Woodworker Pub. Co., $1; W. W. Wrathall, $1.75		$ 31,464 75	
	By cash		2,068 25	
	Total expenditure, Office Supplies, etc.			$ 29,396 50
	Travelling Expenses:			
	Lands Branch:			
	R. Gillespie, $828.05; J. E. Kennedy, $451.10; G. R. Naden, $66.85; J. W. Smith, $844.30; T. H. Worthington, $224.60		$ 2,414 90	
	Forest Branch:			
	R. E. Allen, $735.61; L. R. Andrews, $9.25; A. A. Archer, $6.10; D. Archie, $3.50; S. W. Bar-			
	Carried forward		$ 2,414 90	$ 29,396 50 $ 314,638 26

No. of Vote.	SERVICE.	Expended.		

DEPARTMENT OF LANDS—*Continued.*

GENERAL—*Continued.*

133. EXPENSES (INCLUDING GENERAL OFFICE AND BRANCHES)—*Continued.*

Brought forward	$ 2,414 90	$ 29,396 50	$ 314,638 26
Travelling Expenses—*Continued.*			
Forest Branch—*Concluded.*			
clay, $1,818.95; T. J. Barry, $153.75; L. B. Beale, $25.70; H. Bird, $270.50; A. H. Black, $27.35; A. M. Black, $160.20; A. L. Bryant, $308.39; H. J. Bull, $9.35; A. Cameron, $363.50; W. Carey, $120.20; P. Z. Caverhill, $1,039.76; R. H. Chestnut, $171.70; J. L. Clark, $173.65; J. H. Cocking, $8.35; E. O. Cohoon, $183.30; W. N. Copeland, $60; T. B. Coughlan, $114.25; C. S. Cowan, $41.55; J. R. Creelman, $56.50; J. M. Daniels, $259.28; J. H. Davey, $235.65; G. L. Davies, $336.45; A. E. Dunning, $318.38; C. Durant, $784.52; J. N. Durrell, $294.44; J. A. Fairbank, $191.40; J. B. Fee, $23.25; W. R. Flumerfelt, $407.65; J. B. Foley, $176.85; E. P. Fox, $618.51; E. E. Frost, $21.75; D. A. Galbraith, $235.33; A. Garrett, $234.23; J. Golden, $189.10; M. A. Grainger, $238.40; A. Hamilton, $147.35; A. J. Harrison, $8.34; N. J. Heavenor, $7.35; T. Henry, $236.68; J. M. Hillis, $831.80; G. H. Houston, $141.20; E. Hunt, $62.30; A. Hunter, $126.40; E. H. Jackson, $287.50; A. R. Johnston, $140.85; J. Leeson, $8.85; J. Mackay, $43.40; J. A. Mahood, $304.95; E. C. Manning, $853.32; C. H. Marshall, $368.65; J. F. Marshall, $394.85; H. G. Marvin, $24.05; G. P. Melrose, $456.17; W. Millar, $158.35; B. Millner, $9.60; R. E. Mills, $223.02; J. Milroy, $84.40; A. H. Mogridge, $22.60; N. Moore, $151.65; W. L. Muir, $168.25; A. R. MacDonald, $187.50; F. A. MacDonald, $190.85; J. G. MacDonald, $468.76; M. E. R. MacFarlane, $145.40; J. W. MacFarlane, $97.20; C. MacFayden, $257.55; D. C. MacPherson, $218.42; D. J. MacRae, $4.50; F. MacRae, $251.30; J. A. MacRae, $45.65; H. McCall, $8; J. W. McCluskey, $161.85; A. R. McDonald, $102.15; G. R. McKay, $294.50; J. McLean, $172.15; J. F. McLeod, $39; G. E. McParlon, $202.15; J. McPhee, $130.30; G. R. Naden, $2.95; H. S. Nelson, $243.40; F. Nichols, $6.60; A. E. Noble, $102.65; W. E. Noble, $504.75; J. R. Noot, $214.60; W. E. Pidcock, $1,062.67; N. F. Pite, $330.45; J. T. Price, $279.60; E. B. Prowd, $318.50; F. H. Pym, $98.50; W. Robertson, $245.75; A. C. Rudland, $149.13; G. Schupe, $5.25; W. Scott, $489.48; P. Sharkey, $412.35; F. Shott, $89; J. E. Simpson, $452.58; W. H. Smith, $8.85; R. C. St. Clair, $378.08; G. H. Stevenson, $429.95; R. V. Stuart, $529.30; W. J. Sutherland, $25.33; H. H. Thomas, $112.90; W. L. Thomas, $3.20; H. Trinder, $121.70; W. Turnbull, $135.61; J. R. Tytler, $262.90; W. J. van Dusen, $259.60; G. Wallace, $2.40; A. H. Warburton, $61; L. Watmough, $177.90; G. B. Watson, $123.35; A. Wheeley, $292.50; F. Whitehead, $221.76; G. M. Wood, $328.65; T. H. Worthington, $31.45; J. S. Yuill, $47; W. Burmaster, launch, sundry scalers, $42	27,269 35		
Carried forward	$ 29,684 25	$ 29,396 50	$ 314,638 26

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF LANDS—*Continued.*			
	GENERAL—*Continued.*			
133.	EXPENSES (INCLUDING GENERAL OFFICE AND BRANCHES)—*Continued.*			
	Brought forward		$ 29,684 25	$ 29,396 50 $ 314,638 26
	Travelling Expenses—*Concluded.*			
	Water Branch:			
	J. S. T. Alexander, $93.51; S. R. Almond, $1; J. F. Armstrong, $161.10; W. J. E. Biker, $612.11; E. A. Cleveland, $8.55; E. Davis, $259.95; F. W. Groves, $563.51; A. G. Hatton, $291.35; J. F. Rowlands, $602.95; W. C. Smith, $358.25; C. Varcoe, $155.50; W. Young, $453.69	3,561 47		
	Survey Branch:			
	F. O. Morris, $38.50; J. E. Umbach, $265.40	303 90		
	Total expenditure, Travelling Expenses			33,549 62
	Maintenance of Launches and Autos and Subsistence of Crews, etc.:			
	A.B. Canning Co., $1.15; Adams River Lumber Co., $20.97; Akerberg, Thomson & Co., $109.45; Alaska B.C. Bedding Co., $89.07; Alberni Hardware Co., $7.32; Albert & McCaffrey, $66.33; Aldergrove Garage, $7.70; Allen & Norris, $5.03; D. Archie, $502.45; Armstrong Bros., $83.20; A. J. Barker, $42.70; Battery House, $41.11; A. C. Benson, $30; W. J. E. Biker, $54.95; H. H. Bird, $317.66; Black Bros., Ltd., $7; J. Bourne, $10; F. J. Brady, $13.20; J. W. B. Brown, $40.32; A. L. Bryant, $8.34; C. Buck, $13.50; C. Burlingame, $5.30; C. W. Burnett, $17.33; Burns Lake Trading Co., $25.28; R. A. Caddell, $55.52; Campbell Storage Co., $2.30; Canadian Express Co., $2.25; Canadian Fairbanks-Morse Co., $292.12; Canadian General Electric, $2.85; Canadian Western Electric, $17.44; W. Carey, $55.05; L. G. Carrick, $129; Central Gas Station, $15.75; Chappell Bros., $195.75; R. H. Chestnut, $340.92; Clarke & Stuart Co., $12.43; Columbia Garage Co., $2.50; Con. Whaling Corp., $13.75; C. A. Coulson, $16; Cow Bay Tank Works, $12.25; V. M. Dafoe, $20; J. M. Daniels, $47.88; J. H. Davey, $34.30; G. L. Davies, $70.72; W. T. Dawley, $12; launch "Dixie Rupert," $4.50; Dominion Rubber System, $778.72; Duncan Garage, Ltd., $37.05; A. E. Dunning, $19.65; W. J. Dunseith, $11.30; A. W. Edge, $9; Elec. Repair & Engineering Co., $2; Empress Garage, $21.17; Evans, Coleman & Evans, $2.65; J. A. Fairbank, $51.95; False Creek Lumber Co., $41.50; W. Fawcett, $9.33; W. L. Foisey, $53.72; J. B. Foley, $141.05; Ford Auto Repair Shop, $31.10; Ford Garage, $62.25; H. Fotherby, $9; A. E. Fowler, $1; G. J. Frizzell, $5.25; P. Georgeson, $45; Gonsalves & Dames, $14.25; Granby Con. M. & S. Co., $26.10; Grand Forks Garage Co., $61.20; G.T.P. Town & Development Co., $63.38; W. Grant, $40.96; F. W. Groves, $116.45; E. Hall & Son, $135.50; R. J. Hamilton, $5.14; Hanson Garage, $37.85; W. Hargreaves, $3.05; Harper & Gross, Ltd., $1.50; C. C. Harris, $1,742.75; C. Harrison, $12.50; Hawkins & Hayward, $13; Henderson's Livery, $3.70; T. N. Hibben & Co., $1.25; Howe & McNulty, $30.05; Hudson's Bay Co., $43; S. T. Hull, $6; J. Hunter. $1.50; Imperial Machine Works, $89.66; Imperial Munitions Board, $1,650.98; Imperial Oil Co., $3,193;			
	Carried forward		$ 62,946 12	$ 314,638 26

No. of Vote.	SERVICE.	Expended.	
	DEPARTMENT OF LANDS—*Continued.*		
	GENERAL—*Continued.*		
133.	EXPENSES (INCLUDING GENERAL OFFICE AND BRANCHES)—*Continued.*		
	Brought forward	$ 62,946 12	$ 314,638 26
	Maintenance of Launches and Autos and Subsistence of Crews, etc.—*Concluded.*		
	E. H. Jackson, 50c.; Jameson, Rolfe & Willis, $66.50; J. Johnson, $5; A. R. Johnston, $36.70; Mrs. P. Kidd, $30; Kootenay Garage, $42.50; G. Lawson, $151; Letson & Burpee, $119.75; E. Lipsett, $208.03; Lipsett-Cunningham & Co., $5.55; Lowe Inlet Cannery, $23.50; Lynch Bros. & McMeekin, $9.20; F. A. MacDonald, $372.28; C. MacFayden, $3; D. C. MacPherson, $380.06; J. Mader, $11.67; J. A. Mahood, $60.30; J. Martin, $20.80; Masset Timber Co., $108; R. Matthews, $4; D. E. Maxwell, $17.55; W. R. Megaw, Ltd., $12.55; G. P. Melrose, $392.91; W. Millar, $22; B. Millard, $14.10; J. Millen & Son, $19; R. E. Mills, $118.87; N. Moore, $17.25; Morrison, Thompson Hardware Co., $4; H. A. McCall, $62.46; McClary Mfg. Co., $5.35; J. W. McCluskey, $34.22; W. J. McCutcheon, $6; N. M. McLean, $37.10; McLennan, McFeely & Co., $13.50; D. P. McMillan, $116; G. E. McParlon, $37.85; McRae Bros., $5; National Motor Co., $365.01; Neil & Cryderman, $231.32; B. Newbury, $26; J. R. Noot, $28.05; Northern Elec. Co., $143.97; Northern Lbr. & Mer. Co., $28.80; North Shore Garage, $14.60; Ormes, Ltd., $1.50; H. Orr, $33.80; F. P. Osborn, $66.50; Pacific Mills, Ltd., $1,139.93; Paine Hardware Co., $47.67; J. Parkin, $30; Parkin & Ward Elec. Co., $93.45; F. Parks & Co., $2.50; Parksville Carriage Works, $9.70; Pascoe & Co., $20; S. Percival, $226.97; H. P. Phillips, $1.45; Pilkington Bros., Ltd., $10.13; Pioneer Feed, Coal & Oil Co., $41.70; Pioneer Laundry, Ltd., $15.40; Pioneer Steam Laundry, Ltd., $3.35; Powell River Co., $113.64; Prince Rupert Boat-house, $21.45; Progressive Steamboat Co., $74.25; F. H. Pym, $1.45; Quathiaski Canning Co., $15; Ralph, Morris & Ella, $2; Ross-Saskatoon Co., $22.05; A. C. Rudland, $149.40; Rupert Table Supply Co., $35.90; Rushton's Garage, $17.05; Sampson Motor Co., $139.32; W. Scott, $1.65; F. J. Seager, $33.64; Seaside Park Hotel, $17.25; J. Sheppard, $2.33; Simson, Balkwill & Co., $1,078.18; G. H. Smith, $139.25; J. F. Smith Co., Ltd., $190.35; Smith Bros., $3.55; Smith Lumber Co., $5.50; Smith & McCubbin, $42; Smith & Parr, $1.80; Sointula Co-operative Store, $9; Steen & Longwill, $4.30; G. H. Stevenson, $34.35; F. Stork, $83.10; W. J. Sutherland, $2.50; H. H. Thomas, $139.42; Thulin Bros., $75.66; G. D. Tite, $40.65; Trail Garage Co., $3; T. J. Trapp & Co., $37.32; Union Steamship Co., $12.25; Universal Tire Filler, $69.75; C. Varcoe, $91.90; Vancouver Lumber Co., $33.87; G. Wallace, $9; H. S. Wallace Co., $15.10; A. H. Warburton, $109; Watkin's Garage, $75.16; G. B. Watson, $143.37; Western Machine Works, $3; F. Whitehead, $19.85; G. B. Williams, $3.05; Winn & Son, $7.60; R. Wilson, $21.25; G. M. Wood, $23.06; Wood, Vallance & Leggat, $129.25	$ 19,952 12	
	Total expenditure, Maintenance of Launches and Autos, etc.	19,952 12	
	Carried forward	$ 82,898 24	$ 314,638 26

UNIVERSITY OF ILLINOIS LIBRARY MAR 19 1921

No. of Vote.	SERVICE.		Expended.
	DEPARTMENT OF LANDS—*Continued.*		
	GENERAL—*Concluded.*		
133.	EXPENSES (INCLUDING GENERAL OFFICE AND BRANCHES)—*Concluded.*		
	Brought forward	$ 82,898 24	$ 314,638 26
	Rent and Upkeep of District Offices: Arcade Café, $7.50; J. Campbell, $313.25; Cum Tong, $2.70; Grand Trunk Development Co., $175; J. A. Hubbard, $33; Imperial Munitions Board, $75; J. Kee, $18; R. H. Lee, $420; C. MacFayden, $4.50; E. M. Mallory, $112.50; D. Miller, $60; Patmore Bros., $2.25; T. Treadgold, $1; M. C. Wiggins, $200; P. B. Willits & Co., $240	$ 1,664 70	
	Total expenditure *re* District Offices		1,664 70
	Incidentals: H. A. Allison, $31; D. Archie, $49.50; Ashcroft Print Co., $119.14; J. Atkinson, $10; Bergerow & Israel, $29; Campbell's Storage Co., $25.66; Canadian Fairbanks-Morse Co., $2.60; Cariboo Observer, $76.01; H. Carter, $38.65; C. Cassidy, $10; Chapman's Motor Cartage, $20.50; City Transfer Co., 50c.; Columbia Co., Ltd., $16.20; Comox Argus, $92.88; W. T. Cotsford, $35; Cranbrook Herald, $26.04; Cranbrook Sash & Door Co., $3.34; Creston Review, $78.76; Dominion of Canada Guarantee Co., $2; Fernie District Ledger, $26; Fernie Free Press, $88.61; E. E. Frost, $18; E. E. Gordon, $1.50; Grand Forks Sun, $66.49; Greenwood Ledge, $75.82; Griffiths Co., $18.56; Hudson's Bay Co., $6.50; Interior News, $103.84; Kamloops Telegram, $178.01; Kelowna Courier, $10.24; Mrs. P. Kidd, $360; Kootenaian, $89.72; R. Lauder, $5; E. H. Lea, $63.60; Letson & Burpee, $79; Lillooet Feed Stables, $2.50; London Guarantee & Accident Co., $10; Macaulay & Nicolls, $2; P. J. MacKay, $3.90; W. A. MacKeen, $1.25; D. C. MacPherson, $25; Marlatt & McKenzie, $1.35; A. Mellor, $3.20; G. P. Melrose, $20.35; Merritt Herald, $100.07; Mouat Bros. & Co., $4; Nelson Daily News, $45.56; Northern Electric Co., $15.83; Northern Lumber Co., $3.15; North Shore Press, $16.70; W. R. Northy, $6; Office Assistance Co., $118; Omineca Herald, $133.02; P.G.E. Railway Co., $5.15; Penticton Herald, $25.52; Port Alberni News, $10.80; Prince George Citizen, $251.87; Prince Rupert Daily News, $337.35; Princeton Star, $30.40; Revelstoke Review Pub. Co., $89.70; Royal Inland Hospital, $10; Rush Transfer Co., $5.35; Saturday Chinook, $11.25; E. H. Shearman, $45; Similkameen Star, $29.24; Simson, Balkwill & Co., $17.10; J. Strand, $15.90; Review Pub. Co., $5.04; G. Sutherland, $14; Sun Print Shop, $2.40; F. Swanson, $2; Thomas Bros., $13.65; Trail P. & P. Co., $6.36; J. R. Tytler, $58; Union Steamship Co., $2.30; A. Urquhart, $45; Vancouver Province, $424.25; Vancouver Sun, $555.30; Vanderhoof Herald, $95.08; Vernon News P. & P. Co., $11.20; Victoria Times, $123.90; Whalen Pulp & Paper Mills, $22; F. Whitehead, $57.32; G. B. Williams, $28.85; Wilson's Brass Foundry, $4.50; H. J. Wooley, $2; Woolridge Bros., $21.60; pay-list, $6	$ 4,754 93	
	Total expenditure, Incidentals		4,754 93
	Total expenditure, General Expenses		89,317 87
	Carried forward		$ 403,956 13

No. of Vote.	SERVICE.		Expended.
	DEPARTMENT OF LANDS—*Continued.*		
	Brought forward		$ 403,956 13
134.	FOREST PROTECTION FUND ("FOREST ACT").		
	Government's contribution to Forest Protection Fund on the basis of dollar for dollar on the amount collected by the Forest Branch during the year ending 31st March, 1919	$134,792 99	
	Total expenditure, Forest Protection Fund		134,792 99
135.	LUMBER TRADE EXTENSION.		
	W. W. Baer, $16.65; L. B. Beale, $2,245.89; J. D. Beddall, $61.90; P. S. Bonney, $210; B.C. Tel. Co., $4.20; Campbell's Storage Co., $52.55; C.P.R. Tel. Co., $544.26; Can. Western Lumber Co., Ltd., $68.48; E. Chrystal & Co., $15; Commercial Photo Co., $164.50; C. S. Cowan, $46.35; Electric Blue Print and Map Co., $5.29; E. & N. Rly. Co., $105.71; Farmer's Advocate, Ltd., 40c.; H. Fleming, $137.50; M. A. Grainger, $35.65; G.N.W. Tel. Co., $267.05; D. Hall, $39; Imperial Bank of Canada, $15.10; Ireland & Allan, $3; B. W. Leeson, $6.50; Lemon, Gonnason Co., Ltd., $3.50; H. C. MacLean, Ltd., $2; Pacific Coast Lumberman, $2; Progress Pub. Co., Ltd., $100; Rat Portage Lumber Co., Ltd., $163.03; Reliable Transfer Co., $17.87; Remington Typewriter Co., Ltd., $50.20; Wm. Robertson, $43.75; Robertson & Hackett Sawmills, $46.70; R. C. St. Clair, $21.57; Superintendent of Documents (Washington), $2; Thornton, Ltd., $26.89; Timberman, $3; Vancouver Auto-Wrecking Co., $8; Vancouver Exhibition, $18; West Coast Lumberman, $3.50; Western Union Tel. Co., $430.67; Wright & Co., Ltd., $9.86	$ 4,997 52	
	Total expenditure, Lumber Trade Extension		4,997 52
136.	RAINFALL AND CLIMATIC STATISTICS.		
	King's Printer, $42.35; pay-list, $586.10	$ 628 45	
	Total expenditure, Rainfall and Climatic Statistics		628 45
137.	EXPENSES RE PUBLIC IRRIGATION CORPORATIONS.		
	J. S. T. Alexander, $177.61; E. Davis, $218.54; J. W. Jones, $55; Kelowna Courier, $3.72; F. H. Kidd, $353.20; P. J. MacKay, $36.45; N. D. McTavish, $55; L. A. Roberts, $285.48; M. Windsor, $50.20	$ 1,235 20	
	Total expenditure *re* Public Irrigation Corporations		1,235 20
138.	GENERAL WATER SURVEYS.		
	F. Allbutt, $34.80; G. Anderson, $35.30; A. E. Ashcroft, $187.40; W. Blane, $725.96; W. J. E. Biker, $114.50; P. Burns & Co., Ltd., $14.47; J. R. Campbell, $4.50; Can. Consolidated Rubber Co., Ltd., $78.40; C.P.R. Tel. Co., $11.10; F. Cooper, $48.40; Creston Auto and Supply Co., $11.60; G. Crossley, $39; S. N. Cutbill, $22.50; Dominion Express Co., $2.80; M. I. Elliott, $34.25; R. Evans, $15; Ford Motor Co., $1,461.16; E. P. Girdwood, $197.17; F. W. Groves, $171.70; A. G. Hatton, $294.75; W. C. Honeywell, $18.50; Hudson's Bay Co., $4.76; A. James, $42.50; G. F. James, $2; Jenkins Co., Ltd., $13; F. W. Knewstubb, $546.68; F. J. Languedoc, $30; F. H. Latimer, $75; H. G. Lawley, $330.85; D. Leckie, $11.75; I. Lewis, $4; E. G. Marriott, $23.20; W. E. Mason, $8; Masters & Fletcher, $400; Morrison-Thompson Hardware Co., $2.25; E. P. McKie, $179.31; Nelson Hardware Co., $34; Okanagan Tel. Co., $2.75; Ormes, Ltd., $17.56; W. R. Pillsworth, $594.15; E. G. Prior & Co., Ltd., $1.15; J. F. Rowlands, $43.90; Rutherford Drug Co., $1.15; C. W. Sanders, $157.65; W. Seaman, $7.50; W. Seymour,		
	Carried forward		$ 545,610 29

No. of Vote.	SERVICE.		Expended.
	DEPARTMENT OF LANDS—*Continued.*		
138.	GENERAL WATER SURVEYS—*Concluded.*		
	Brought forward		$ 545,610 29
	$10; C. A. E. Shaw, $193; S. M. Simpson, $9.85; W. C. Smith, $90.55; W. Spapyum, $20; S. A. Speers, $72.93; Star Grocery, $105.81; C. Varcoe, $76.70; Victoria Book & Stationery Co., Ltd., $2.95; Waters & Co., $9.75; R. P. White, $4; Wood-Vallance Hardware Co., $2; W. Young, $20.35; pay-list (labour), $1,760.48; pay-list, Gauge readers, $420.50	$ 8,855 24	
	By cash	28 55	
	Total expenditure, General Water Surveys		8,826 69
139.	WELL-DRILLING SALARIES AND EXPENSES.		
	H. C. Fritts, salary $1,000, expenses $549.72; S. Hammell, salary $595, expenses $1.55; J. O. Mitchell, salary $441, expenses $101.55; C. Aldridge, $8.40; Beattie-Murphy Co., Ltd., $5.50; Canadian Express Co., $7.63; C.P.R. Co., $9.29; Can. Western Mfg. & Supply Co., Ltd., $1,160.85; Cranbrook Foundry & Machine Shops, $121.90; Dominion Express Co., $2.14; Dominion Junk Co., $10.50; G.T.P. Rly., $4.89; G.T.P. Coast S.S. Co., Ltd., $14.70; W. Guthrie, 55c.; H.M. Customs, $43.26; H. MacLeod, $26; R. W. Marsh, $15; J. D. McBride, $7; A. A. McKinnon, $9; J. H. McMullin, $35.03; Nechaco Feed & Sale Stables, $1.50; Northern Hardware Co., Ltd., $700.91; Otis-Staples Lumber Co., Ltd., $8.55; Pacific Cartage, Ltd., $6.05; F. Parks & Co., $497.25; T. N. Parrett, $18.25; Ramsay's Machine Works, $63.50; Robertson Iron Works, $18; Rupert Marine Iron Works and Supply Co., Ltd., $57.68; Star Drilling Machine Co., $31.65; N. A. Wallinger, $7.13; Well Tool and Iron Works, Ltd., $417.62	$ 5,998 55	
	Total expenditure, Well-drilling		5,998 55
140.	CONSERVATION FUND.		
	Deputy Minister of Finance for credit of the "Conservation Fund" created by section 287A of the "Water Act, 1914"		50,000 00
	(*See* index for page showing "Conservation Fund" receipts and disbursements.)		
141.	LITHOGRAPH MAPS.		
	Colonist Ptg. & Pub. Co., Ltd., $1,027; Lemon, Gonnason & Co., Ltd., $11.80; London & British North America, Ltd., $22.50; A. H. Maynard, $11.25; Mellor Bros., Ltd., $2.05; Melrose Co., Ltd., $10.65; National Drug & Chemical Co. of Canada, Ltd., $48.90; Prince Rupert Real Estate Exchange, $10; Public Works Dept., $24.25; Reliable Transfer Co., 50c.	$ 1,168 90	
	Total expenditure, Lithograph Maps		1,168 90
142.	LAND SURVEYS.		
	G. Anderson, $124; H. C. Black, $976.06; G. S. Boulton, $3,030.51; H. H. Browne, $25; F. P. Burden, $2,536.21; F. Butterfield, $3,066.04; A. J. Campbell, $2,439.69; H. R. M. Christie, $64; G. M. Christie, $128.50; L. S. Cokely, $4,518.10; W. S. Drewry, $4,651.71; J. Elliott, $3,340; J. Frost, $243.10; Green Bros., Burden & Co., $186.10; P. W. Gregory, $2,731.72; R. W. Haggen, $3,338.68; A. G. King, Jr., $40; W. Laidlaw, $25; King's Printer, $22.95; F. H. Latimer, $3,067.11; J. E. Laverock, $1,923.01; C. Menier, $53; B. A. Moorhouse, $3,562.80; A. L. McCulloch, $212.40; W. G. McElhanney, $3,220.05; F. Nash, $541.55; H. H. Roberts, $3,270.51; J. E. Ross, $2,312.39; C. A. Shaw, $2,022.16; C. C. Smith, $4,345.55; H. N. Smith, $120; F. Tupper, $5,181.29; O. B. N. Wilkie, $4,426.68; A. E. Wright, $4,210.18	$ 69,956 05	
	Total expenditure, Land Surveys		69,956 05
	Carried forward		$ 681,560 48

No. of Vote.	SERVICE.		Expended.
	DEPARTMENT OF LANDS—*Continued.*		
	Brought forward		$ 681,560 48
143.	PHOTO-TOPOGRAPHICAL SURVEYS.		
	Department of the Interior, $4,901.74; R. D. McCaw, $6,757.61	$ 11,659 35	
	Total expenditure, Photo-topographical Surveys		11,659 35
144.	GENERAL INVESTIGATIONS.		
	T. P. McKenzie, salary $2,400, expenses $761.31; American Sheep Breeder, $1.50; Breeder's Gazette, $2.75; B.C. Farmer, $1; C.P.R. Tel. Co., $2.82; Cranbrook Herald, Ltd., $2; Farm and Ranch Review, Ltd., $1; H. Fleming, $2; M. A. Grainger, $19.25; G.N. Tel. Co., 88c.; W. Hargraves, $5.85; A. H. Hutchinson, $204.93; King's Printer, $26.46; C. Moore, $70; M. McCarty, $30; G. R. Naden, $620.45; W. Rennie Co., Ltd., $4.71; Rural Spirit, $1.50	$ 4,158 41	
	Total expenditure, General Investigations		4,158 41
145.	IRRIGATION CONVENTION, NELSON.		
	Western Canada Irrigation Association		500 00
145A.	REFUND RE PURCHASE OF LOT NO. 2426, OSOYOOS.		
	J. Morley		1,080 00
145B.	REFUND RE TIMBER LICENCE NO. 11931.		
	C. H. Ruddock		872 00
145C.	EX-COMPTROLLER OF WATER RIGHTS.		
	W. Young, equivalent of 2 months' salary		666 66
145D.	COMPENSATION RE TIMBER LICENCE NO. 38756.		
	Rat Portage Lumber Co.		4,000 00
	STATUTORY EXPENDITURE (CHAPTER 80, 1918, "SOLDIERS' LAND ACT").		

Salaries:

J. W. Clark	$1,541 67	Expenses	$113 59	$ 1,655 26
E. A. Cleveland	357 14	„	91 95	449 09
M. B. Cotsworth	125 00	„	35 65	160 65
G. S. Ford	106 68	„	.....	106 68
J. H. Gray	3,159 00	„	6,370 42	9,529 42
N. Jones	2 50	„	.....	2 50
J. L. Lees	92 98	„	.....	92 98
J. Mavor	323 75	„	.....	323 75
D. J. McGugan	1,445 55	„	223 90	1,669 45
J. Parker	377 42	„	.....	377 42
H. G. Parkinson	140 00	„	.....	140 00
J. H. Taylor	90 00	„	48 70	138 70
				$ 14,645 90

Expenses:

B.C. Telephone Co., $1.20; C.P.R. Telegraph Co., $4.39; Colonist P. & P. Co., $9; G.N.W. Tel. Co., $3.50; T. N. Hibben & Co., $14; King's Printer, $89.30; Macey Office Equipment Co., $169.40; Merritt Herald, $3.24; Record Pub. Co., $9; Reliable Transfer Co., $1; Standard Furniture Co., $12; Times P. & P. Co., $162.60; Vancouver Daily Province, $77.35; Vancouver Daily Sun, $18.90; Victoria Book & Stationery Co., $62.10; Weiler Bros., Ltd., $5 ..... 641 98

Total expenditure *re* "Soldiers' Land Act"		15,287 88
Carried forward		$ 719,784 78

No. of Vote.	SERVICE.		Expended.
	DEPARTMENT OF LANDS—*Concluded.*		
	Brought forward		$ 719,784 78
	STATUTORY EXPENDITURE (CHAPTER 46, 1919, "PRE-EMPTORS' FREE GRANTS ACT").		
	Refund of Deposit paid on Application to Purchase: B. R. Allen, $40.05; L. G. Alton, $32; M. M. Andrews, $80; T. R. Astleford, $47.44; Baskin & Stedman, $57.20; J. Chew Lumber Co., $20; J. C. Dockerill, $80; M. E. Eagleson, $80; L. F. Everest, $9; R. Folvik, $305.75; M. L. Grimmett, $23; F. A. Heinrich, $7.10; G. A. Hunt, $20; P. Lavoie, $2.75; W. Miller, $80; P. I. Tofft, $40.40; Western Canada Ranching Co., $65.37; H. P. Wright, $169.69; J. Wright, $51.35		1,211 10
	SPECIAL WARRANT NO. 6.		
	Refund for the benefit of the creditors of Papworth & Stevenson of proceeds of logs seized and sold in 1912, less expenses of sale and wage claims paid	$ 1,870 08	
	Compensation to W. Foster in consideration of his immediately vacating Lot 1913, Kamloops Division of Yale District, for which Pre-emption Record No. 1376 was issued to him in error	700 00	
			2,570 08
	SPECIAL WARRANT NO. 17.		
	Brooks, Scanlon & O'Brien Lumber Co., in full settlement for timber taken from their timber lease owing to an error in plotting Lot 2110, Group 1, New Westminster District		900 00
	SPECIAL WARRANT NO. 27.		
	Gratuity to the widow of W. J. W. Brown, being equivalent of 3 months' salary		345 00
	SPECIAL WARRANT NO. 30.		
	Gratuity to the widow of J. R. Creelman, being equivalent of 3 months' salary		345 00
	SPECIAL WARRANT NO. 42.		
	Compensation to James Martin for aeroplane spruce cut on Lot 2064 through error in marking out Spruce Permit M.U. No. 146		950 00
	SPECIAL WARRANT NO. 50.		
	To liquidate claim of Geo. S. McTavish upon reconveyance to the Crown of Lot 1061, Range 2, Coast District, Crown grant issued in error	$ 1,500 00	
	Clearing and improving Lots 71 and 72, Group 1, New Westminster District	16 50	
			1,516 50
	Total expenditure, Department of Lands		$ 727,622 46
146.	DEPARTMENT OF LABOUR.		
	GENERAL OFFICE.		
	Salaries ($5,485):		
	Deputy Minister ..... J. D. McNiven	$ 3,420 00	
	Clerk and Stenographer ..... B. Forbes	840 00	
	Statistician ..... E. P. Kay	1,225 00	
	Expenses ($5,199.68):	$ 5,485 00	
	Office Supplies, etc.: B.C. Federationist, $1.50; B.C. Tel. Co., $104.66; Campaigner, $12; C.P.R. Tel. Co., $31.57; Colonist P. & P. Co., $9; Dominion Express Co., $1.90; W. S. Fraser & Co., $3.80; G.N.W. Tel. Co., $12.87; Ind. Progress Com. Record, $1; King's Printer, $1,540.12; Macey Office Equip. Co., $438.30; Mellor Bros., $10; F. Mellor, $5; postage, $104.10; Public		
	Carried forward	$ 5,485 00	

No. of Vote.	SERVICE.	Expended.	
146.	DEPARTMENT OF LABOUR—*Continued.*		
	GENERAL OFFICE—*Concluded.*		
	Brought forward	$ 5,485 00	
	Expenses—*Concluded.*		
	Office Supplies, etc.—*Concluded.*		
	Works Dept. (labour), $33.50; Reliable Transfer Co., $1.25; United Typewriter Co., $142.50; Vancouver Daily Province, $4.40	2,457 47	
	Travelling Expenses:		
	E. P. Kay, $24.90; J. D. McNiven, $836.45	861 35	
	Aid in securing Special Help for Farmers and Fruit-growers:		
	Y.W.C.A. per Miss G. M. Perry	1,880 86	
			$ 10,684 68
	PROVINCIAL LABOUR BUREAUS.		
	Cranbrook.		
	Expenses ($5):		
	King's Printer		5 00
	Fernie.		
	Expenses ($5):		
	King's Printer		5 00
	Nanaimo.		
	Salaries ($41.93):		
	Clerk .....J. A. Grant	$ 41 93	
	Expenses ($155):		
	King's Printer	155 00	
			196 93
	Nelson.		
	Expenses ($5):		
	King's Printer		5 00
	New Westminster.		
	Salaries ($48.38):		
	Clerk .....A. McIver	$ 48 38	
	Expenses ($403.98):		
	B.C. Telephone Co., $15.18; King's Printer, $5; Office Specialty Mfg. Co., $110.80; Reliable Furniture Co., $126; United Typewriter Co., $139.50; Westminster Trust Co., $7.50	403 98	
			452 36
	Prince Rupert.		
	Expenses ($155.50):		
	King's Printer		155 50
	Vancouver.		
	Salaries ($2,636.40):		
	Clerks:		
	H. Crisford .....$ 142 85 C. J. Johnson .....$ 142 85		
	A. L. Davidson .... 167 85 J. Mitchell 142 85		
	W. S. Dickson .... 1,095 00 R. H. Young 945 00	2,636 40	
	Temporary assistance:		
	D. Ashley ..... 9 00 A. C. McMullin 32 90		
	F. A. Hanley ..... 125 00 J. Newton 45 00		
	M. Langdale ..... 6 00 W. Sear 7 50	225 40	
	Expenses:		
	Office Supplies, etc. ($2,419.01):		
	A B C Scavenger Co., $1.25; B.C. Towel Supply, $19.50; B.C. Elec. Rly. Co., $35.07; B.C. Tel. Co., Ltd., $114.51; Campbell's Storage Co., $2.50; C.P.R. Telegraph Co., $7.98;		
	Carried forward	$ 2,861 80	$ 11,504 47

No. of Vote.	SERVICE.		Expended.
146.	DEPARTMENT OF LABOUR—*Concluded.*		
	PROVINCIAL LABOUR BUREAUS—*Concluded.*		
	VANCOUVER—*Concluded.*		
	Brought forward	$ 2,861 80	$ 11,504 47
	Expenses—*Concluded.*		
	Office Supplies, etc.—*Concluded.*		
	Castleton, Sawyers & Noble, $8; City of Vancouver, $1.40; Dominion Express Co., $4.58; H. Elphick, $349.05; Evans, Coleman & Evans, $10.15; Granville Stationery Co., 40c.; Hastings Furniture Co., $31.50; Huestis & Stuart, $42; King's Printer, $83.75; Malaspino Fuel Co., $35.15; J. F. Morris, $450; W. T. McArthur, $56.57; Office Spec. Mfg. Co., $447.70; postage, $14; J. F. Saunders, $2.50; D. Spencer, $1.40; Star Window Cleaning Co., $120.50; Tick & Co., $1.05; United Typewriter Co., $279; Vancouver Carpet Cleaning Works, $8.50; Vancouver Daily Sun, $1.20; Vancouver Window Cleaners, $1.50; E. Walford, $2.50; Wilson & Harris, $265.55; petty cash, $20.25	2,419 01	
	Travelling Expenses ($9.95):		
	W. S. Dickson	9 95	
			5,290 76
	Victoria.		
	Salaries ($1,039.06):		
	Manager ..... S. H. Creech	$ 411 29	
	Clerk ..... T. Cameron	277 42	
	Manager, Female Branch ..... W. Marlatt	167 85	
	Stenographer ..... H. Paget	120 00	
	Janitor ..... A. Swan	62 50	
		$ 1,039 06	
	Expenses:		
	Office Supplies ($959.24):		
	B.C. Land & Investment Co., $138.50; B.C. Telephone Co., 15c.; R. Grice, $4; Hickman Tye Hardware Co., 50c.; Imperial Oil Co., Ltd., $3.04; King's Printer, $52.68; G. A. Kirk, $165.25; Lemon, Gonnason Co., Ltd., $12.75; Macey Office Equipment Co., $247.70; F. Mellor, $117; Melrose Co., Ltd., $9.72; P. McQuade & Sons, 40c.; New Method Laundry, $1.50; Pitter & Johnstone, $3.20; E. G. Prior & Co., 30c.; Public Works Department (labour), $85.40; Reliable Messenger Co., $1; Reliable Transfer Co., $5.50; Sweeney & McConnell, 15c.; Weiler Bros., $110.50	959 24	
	Travelling Expenses ($46.65):		
	S. H. Creech	46 65	
			2,044 95
	STATUTORY (CHAPTER 56, 1918, "MINIMUM WAGE ACT").		
	H. Barrett, $15; B.C. Federationist, $38.60; B.C. Telephone Co., $5.20; Clarke & Stuart Co., Ltd., $4.25; Mrs. A. J. Courtney, $13.10; Mrs. E. Creelman, $10.75; M. Cruikshanks, $11.05; Mrs. M. Dearman, $9.75; Mrs. C. Ellis, $15.75; Mrs. E. Gardner, $10.75; T. Hartney, $11.75; M. Howat, $2; King's Printer, $220; T. Mathews, $64.96; Mrs. W. H. Morrow, $14.05; Mrs. H. G. MacGill, $252.06; J. D. McNiven, $174.50; Nanaimo Free Press, $29; Mrs. F. C. Saunders, $12.05; E. Sutton, $15; Mrs. M. Threxton, $10.75; Times P. & P. Co., Ltd., $38; Vancouver Daily Province, $56.70; Vancouver Daily Sun, $73.35; Vancouver Labour Temple, $4.50; Vancouver World, $4.20; N. G. Warke, $79.30		1,196 37
	Total expenditure, Department of Labour		$ 20,036 55

No. of Vote.	SERVICE.		Expended.
	DEPARTMENT OF MINES.		
147.	MINISTER'S OFFICE.		
	Salaries ($7,860):		
	Minister of Mines ..... Hon. W. Sloan	$ 6,000 00	
	Secretary ..... R. Dunn	1,860 00	
		$ 7,860 00	
	Expenses ($1,357.20):		
	Office Supplies, etc.:		
	B.C. Federationist, $1.50; B.C. Telephone Co., Ltd., $135.91; C.P.R. Tel. Co., $116.82; Canadian Parliamentary Guide, $3; Cariboo Observer, $2; Colonist P. & P. Co., $9; Columbian Co., Ltd., $5; Cowichan Leader P. & P. Co., Ltd., $1.50; Creston Review, $2; Dominion Express Co., $5.40; Dominion Government Tel., $3.02; Empire Pub. Co., $7.20; Engineering and Mining Journal, $6.50; W. S. Fraser & Co., Ltd., $1.95; G.N.W. Tel. Co., $45.05; J. Green, $29; T. N. Hibben & Co., $3; King's Printer, $150.78; Kootenaian, $2; Macey Office Equipment Co., Ltd., $91.25; H. C. MacLean Co., Ltd., $2; Mining & Scientific Press, $5; Nanaimo Free Press, $3; Nelson Daily News, $5; Northwest Mining Truth, $6; Northwest Mines Handbook, $2.74; Omineca Herald, $4; Port Alberni News, $4; postage, $75.41; Prince Rupert News Ptg. & Pub. Co., $18; Public Works Department, $17.75; C. H. Smith & Co., $9.10; Statesman Pub. Co., Ltd., $2; Times Ptg. & Pub. Co., Ltd., $15.10; Vancouver Daily Province, $4; Vancouver Daily Sun, $2.50; Vancouver Daily World, $4; Vernon News, $2; Veteran, $2	805 48	
	Travelling Expenses:		
	Hon. W. Sloan, $508.92; R. Dunn, $42.80	551 72	
	Total expenditure, Minister's Office		$ 9,217 20
148.	GENERAL OFFICE.		
	Salaries ($8,042.50):		
	Deputy Minister ..... R. F. Tolmie	$ 3,600 00	
	Chief Clerk and Gold Commissioner H. Stanton	2,370 00	
	Clerk ..... R. J. Steenson	840 00	
	Clerk and Stenographer ..... M. A. Brethour	840 00	
	Temporary assistance:		
	M. E. Greig .....$287 50 E. G. McWilliam $105 00	392 50	
		$ 8,042 50	
	Expenses ($8,438.39):		
	Office Supplies, etc.:		
	B.C. Tel. Co., $134.56; C.P.R. Co., $144.30; Colonist, $9; Dominion Express Co., $1.15; Dominion Government Tel., $2.95; Garden City Press, $43.75; General Cartage Association, $1; G.N.W. Tel. Co., $51.46; Imperial Guarantee and Accident Insurance Co., $4; King's Printer, $519.18; Lands Dept., $126.75; Macey Office Equip. Co., Ltd., $63.10; McGraw-Hill Book Co., Ltd., $3.50; postage, $446.09; Public Works Dept., $6.70; Times Pub. Co., $12.60; United Typewriter Co., Ltd., $2	1,572 09	
	Accident at Protection Island Shaft, Nanaimo:		
	Sundry persons, examinations and reports, etc.	1,032 90	
	Printing and Binding:		
	B.C. Chamber of Mines, $40; B.C. Financial Times, $300; King's Printer, $5,000.65; Mines Pub. Co., Ltd., $131.25; Reliable Transfer Co., $1.50; Technical Press, Ltd., $180; Western Canadian Mining, Engineering, and Contracting, $180	5,833 40	
	Total expenditure, General Office		16,480 89
	Carried forward		$ 25,698 09

No. of Vote.	SERVICE.	Expended.
	DEPARTMENT OF MINES—*Continued.*	
	Brought forward	$ 25,698 09
149.	MINES INSPECTION BRANCH.	
	Salaries ($19,375):	
	Chief Inspector of Mines ..... G. Wilkinson	$ 4,500 00
	Inspectors:	
	H. Devlin .....$1,980 00 J. H. McMillan $1,705 00	
	H. H. Johnstone ... 1,800 00 J. Newton 2,400 00	
	W. Lancaster ..... 1,860 00 T. J. Shenton 150 00	
	J. McGregor ..... 2,580 00 R. Strachan 2,400 00	14,875 00
	Expenses ($8,639.52):	$ 19,375 00
	Office Supplies, etc.:	
	B.C. Tel. Co., $315.93; C.P.R. Tel. Co., $68.89; City of Prince Rupert, $88; Coal Age, $4; Dominion Express Co., $8.16; E. & N. Rly., $1.60; W. S. Fraser & Co., Ltd., $1.63; Govt. Tel. Service, $14.90; G.N.W. Tel. Co., $17.04; King's Printer, $519.53; Kootenay Tel. Lines, Ltd., $50; Macey Office Equip. Co., Ltd., $19.20; F. W. Nolte & Co., $6; postage, $120.49; R. Strachan, $35; Western Mercantile Co., $3.50	1,273 87
	Travelling Expenses:	
	H. Devlin, $577.70; H. H. Johnstone, $987.55; W. Lancaster, $315.65; D. Michell, $310.45; J. McGregor, $1,022.02; J. H. McMillan, $1,148.80; J. Newton, $756.80; T. J. Shenton, $154; R. Strachan, $1,364.36; G. Wilkinson, $608.32; A. McLean, building garage, Fernie, $120	7,365 65
	Total expenditure, Mines Inspection Branch	$ 28,014 52
150.	BUREAU OF MINES.	
	Salaries ($10,999.96):	
	Prov. Mineralogist and Assayer ..W. F. Robertson	$ 4,119 96
	Clerk .....H. T. Nation	1,600 00
	Asst. Assayer and Public Analyst..D. E. Whittaker	2,400 00
	Caretaker .....S. Norman	1,320 00
	Temporary assistance .....J. Adams	1,560 00
	Expenses ($1,872.56):	$ 10,999 96
	Office Supplies, etc.:	
	F. Allbutt, $109.90; B.C. Elec. Rly. Co., Ltd., $5.19; B.C. Government Liquor Vendor, $15.90; B.C. Telephone Co., Ltd., $120.73; Can. General Electric Co., $42.25; C.P.R. Telegraph Co., $29.25; J. Cochrane, $80.73; Colonist P. & P. Co., Ltd., $45; Dominion Express Co., $22.33; Electric Blue Print and Map Co., $1.65; Engineering & Mining Journal, $6.50; W. S. Fraser & Co., Ltd., $3.25; H. Fleming, $31.68; G.N.W. Tel. Co., $17.86; Griffith Co., $5.40; Hafer Machine Co., $40; Imperial Oil, Ltd., $6.64; Ivel's Pharmacy, $12.15; King's Printer, $458.08; Mellor Bros., $3.15; Mining and S. Press, $5; McGraw-Hill Book Co., $10; Nat. Drug & Chem. Co., $12.25; Peerless Key Co., $4.50; postage, $116.42; Reliable Transfer Co., $10.85; Renouf Pub. Co., $6.72; Simpkin, Marshall Co., $7.30; Society of Chemical Industry, $7.30; G. A. and E. Stevens, $15; Times P. & P. Co., $288.73; Victoria Gas Co., $191.11; A. & W. Wilson, $3.85; Windsor Grocery Co., $7.90	1,744 57
	Travelling Expenses:	
	W. F. Robertson	127 99
	Total expenditure, Bureau of Mines	$ 12,872 52
151.	MINE-RESCUE AND TRAINING STATIONS.	
	Salaries ($3,685):	
	Instructors:	
	C. O'Brien .....$525 00 J. D. Stewart $1,260 00	
	J. T. Puckey ..... 700 00 J. Thomson 1,200 00	$ 3,685 00
	Carried forward	$ 3,685 00 $ 66,585 13

No. of Vote.	SERVICE.		Expended.	
	DEPARTMENT OF MINES—*Continued.*			
151.	MINE-RESCUE AND TRAINING STATIONS—*Concluded.*			
	Brought forward	$ 3,685 00	$	66,585 13
	Expenses ($5,725.43):			
	Office Supplies, Apparatus, etc.:			
	J. H. Bailey, $15.20; M. A. Berrigan, $1.75; B.C. Telephone Co., Ltd., $100.90; J. M. Brown, $2; Canadian Collieries (D.), Ltd., $210.90; C.P.R. Co., $3.59; Can. West. Fuel Co., $43.65; Can. Westinghouse Co., $37.25; City of Fernie, $51.10; Compressed Gas Co., $207.03; Corp. of Nanaimo, $12; Crow's Nest Pass Coal Co., $85.50; Dominion Express Co., $24.60; Draeger Oxygen Apparatus Co., $1,362.71; J. Falve, $4.80; A. E. Ferguson, $4.50; Fernie Optical Parlours, $6.50; D. Gash, $5.75; J. R. Grayshon, $20; G.N. Express Co., $60.55; G.N.R. Co., $29.23; H.M. Customs, 50c.; C. van Houten, $23.55; Imperial Oil Co., $217.93; King's Printer, $96.84; Kootenay Tel. Lines, $82.10; S. Leiser & Co., $4.55; R. Martell, $61.80; A. Maxwell, $4; D. Michell, $124.18; Mine Safety Apparatus Co., $1,234.30; A. McKinnon, $31.80; McLean Drug Store, $2.25; Nanaimo City Gas Co., $5.64; Nanaimo Electric Light Co., $7.75; Nanaimo Vulcan. Co., $186.90; N.P. Rly. Co., $3.65; Peacock Bros., $6.10; postage, $3; J. D. Quail, 75c.; Sampson Hardware Co., $6.90; Sampson Motor Co., $196.60; H. H. Sanderson, $678.99; J. D. Stewart, $101.27; Jas. Stewart, $6.30; N. E. Suddaby, $5.10; C. H. Tarbell & Son., $295.72; J. Thomson, $24.75; Trites-Wood Co., Ltd., $22.70	5,725 43		
	Total expenditure, Rescue and Training Stations		$	9,410 43
152.	ALLOWANCE TO EXAMINERS AND SECRETARIES.			
	Coal Creek:			
	J. Caulfield (Sec.), $120; W. Commons, $45; W. Hunter, $45 ..	$ 210 00		
	Corbin:			
	J. Blair (Sec.), $90; T. Brace (Sec.), $20; T. Bullen, $10; G. Elmes, $10; W. Hetherington, $15; J. Rivero, $25; S. Tomago, $10	180 00		
	Cumberland:			
	R. Adamson, $40; J. G. Biggs (Sec.), $120; D. Stewart, $55; T. Taylor, $15	230 00		
	Extension:			
	W. Anderson, $15; J. S. Greenwell (Sec.), $120; S. Guthrie, $30; A. D. Robertson, $15; R. Spruston, $15; W. Wilson, $45 ..	240 00		
	Michel:			
	B. Ball (Sec.), $120; T. Cunliffe, $60; J. Davey, $60	240 00		
	Nanaimo:			
	R. R. Hindmarch (Sec.), $120; T. R. Jackson, $60; J. Miller, $45; T. Smith, $15	240 00		
	Nicola-Merritt:			
	J. Fairfoull, $40; G. Hudson (Sec.), $120; G. Maxwell, $15; J. C. McDonald, $20; A. G. Young, $45	240 00		
	South Wellington:			
	J. Bateman, $10; W. G. Brown, $10; J. D. Fearon, $25; J. Neen, $40; R. Rivers, $10; G. Taylor (Sec.), $120	215 00		
	General:			
	Salaries:			
	T. Boyce (Secy. of Board) .....$600 00 Expenses $ 25 45	$ 625 45		
	A. Bryden (Examiner) 260 00 „ 130 80	390 80		
	A. Thomson (Examiner) 30 00 „	30 00		
	W. H. Wall (Examiner) 200 00 „ 26 70	226 70		
		1,272 95		
	Sundry Expenses:			
	J. Blair, $1.45; C.P.R. Telegraph Co., $1.50; Comox Argus, $3.50; Dominion Express Co., $10.70; Fernie Free Press, $29.28; D. Gash, $3; J. S. Greenwell, $28.50; King's Printer,			
	Carried forward	$ 3,067 95	$	75,995 56

No. of Vote.	SERVICE.		Expended.
	DEPARTMENT OF MINES—*Continued.*		
152.	ALLOWANCE TO EXAMINERS AND SECRETARIES—*Concluded.*		
	Brought forward	$ 3,067 95	$ 75,995 56
	Sundry Expenses—*Concluded.* $173.02; Ladysmith Chronicle, $4.32; Merritt Herald, $2.50; D. Michell, $28.70; Nanaimo Herald, $8.25; Nanaimo Free Press, $3.80; postage, $40.75; T. R. Stockett, $22.41; R. Strachan, $6.35; G. Taylor, $2.85; Trites-Wood Co., Ltd., $2; Typewriter Service Co., $10.20; G. Wilson, $15	398 08	
	Total expenditure *re* Examiners and Secretaries		$ 3,466 03
153.	FIRST-AID WORK.		
	Salaries: Instructor ..... D. Michell	$ 1,560 00	
	Expenses: Travelling Expenses, etc.: D. Michell	1,195 52	
	Total expenditure, First-aid Work		$ 2,755 52
154.	VANCOUVER CHAMBER OF MINES.		
	Grant		2,500 00
155.	"MINES DEVELOPMENT ACT," CHAPTER 43, 1916, SUPPLEMENTARY.		
	Archer Hardware Co., $22.55; P. Auchinachie, $449; W. J. Banting, $10.35; G. Bong, $16.40; Brackman-Ker Mill. Co., $15.20; J. C. Brady, $3.46; R. A. Brown, $30; R. P. Brown, $180; F. R. Buckley, $10; Byers, Giegerich, Green & Co., $75.43; C. F. Caldwell, $17.50; J. Calvert, $12; C.P.R. Co., $44.56; J. Carscadden, $5; Chapman's Motor Co., $2.50; G. Chattaway, $6; A. Chisholm, $12.67; City Transfer Co., $22.50; A. Cowie, $270.08; Creelman & Thornton, $5.82; J. Cronin, $12; C. Cunningham, $320.50; R. Cunningham & Son, $21.65; H. Campbell, $2; W. Dalrymple, $11.25; Dominion Express Co., 50c.; M. Donald, $600; J. Drinkwater, $54.50; Drummon Lummon Copper Mines, Ltd., $150; East Sooke Mines, Ltd., $2,000; S. A. Eby, $16.45; E. Eggan, $18; Emancipation Mining Co., $259.45; Eureka Copper Mines, $125; J. W. Evans, $1,500; False Creek Transfer Co., $70.15; H. E. Forster, $375; H. Fotherby, $2; A. L. Fraser, $120; R. S. Fullmore, $23; B. S. Gallop, $298; G. George, $18; W. B. Goldie, $4.10; Granby Con. M. S. & P. Co., $3,000; F. Griffin, $100; A. C. Hamilton, $1.50; Hammond Bros., $1,000; E. O. Hansen, $11; Harbour Shipping Co., $7.40; J. Healy, $42; A. R. Highland, $11.75; Howe & McNulty, $4.80; A. E. Howse Co., Ltd., $6.75; Hudson's Bay Co., $10.55; Invermere Construction Co., $118.05; Iron Mountain, Ltd., $350; J. Johnson, $250; C. H. Jones & Son, Ltd., $5; Jones & Rant, $51.38; F. W. Jordan & Co., $8.60; Kaslo Transfer Co., $7.43; R. Kennedy, $635; G. A. Kennington, $4.20; F. F. Ketchum & Co., $72.90; King George Hotel, $10; Kispiox Lumber Co., $59.69; A. Kitson, $10; Komura Bros., $1.10; H. J. LaBrash, $4.65; Lake & Co., $2.70; C. J. Lincke, 87c.; C. Malloch, $10; W. K. C. Manly, $19.70; Matthew Bros., $7; Morrison & Larsen, $100; Mountain Chief Mining Co., $750; J. A. McCallum, $21.10; D. McDonald, $1.50; J. McHattie, $17.33; J. D. McLachlan, $7.75; McLennan, McFeely & Co., $154.26; S. McMahon, $2.50; Nelson Iron Works, $75.83; H. M. Nugent & Co., $205.40; Paine & McMillan, Ltd., $2.10; C. A. Phair, $34.20; T. A. Phillips, $265; G. A. Rendall, $9.30; J. Richmond, $14.45; Ross & Howard Iron Works, $28.74; Salmon River Trading Co., $8.85; Salmo Trading Co., $1.25; P. Santini Co., $2.10; R. S. Sargent, $101.11; W. Savage, $550; A. Scaia, $42.25; L. Schorn, $3.80; W. Simpson, $41.58; Sitting Bull Mining Co., $4.210.97; E. Snodgrass, $4.70; Squair's Grocery, $5.25; J. St. Clair, $100; R. H. Stewart, $800; C. A. Stuart, $150; Sunloch Mines, Ltd., $7,500; J. P. Sutherland, 50c.; Sutton & Foote, $10; Taylor's University Express, $6.50; Terminal Steam Nav. Co., $8.82; J. Thomson, $1.75; J. H. Thompson, $50; J. R. Thompson, $50; Trites-Wood Co., $7,500; D. Tyee (Indian), $100; M. Valcich, $7; Valdez Island Copper Co., $950; G. H. Wall, $5.70; C. A. Warren, $4; D. Watson, $10; West. Canada Timber Co., $34.57; G. White, $5.50; Wilmer Mercantile Co., $52.30; E. R. Workman, $40; pay-list (labour), $35,641.16 ...	72,725 21	
	Carried forward		$ 157,442 32

No. of Vote.	SERVICE.	Expended.

DEPARTMENT OF MINES—*Concluded.*

Brought forward ..... $ 157,442 32

156. "Mineral Survey and Development Act," Chapter 41, 1917, Supplementary.

Salaries:				
W. M. Brewer	$1,800 00	Expenses	$765 67	$ 2,565 67
G. A. Clothier	1,500 00	„	240 00	1,740 00
P. B. Freeland	1,800 00	„	520 87	2,320 87
J. D. Galloway	1,500 00	„	351 51	1,851 51
A. G. Langley	1,500 00	„	337 47	1,837 47
R. W. Thomson	1,800 00	„	539 90	2,339 90
				$ 12,655 42

General:

Beckman & Linden Eng. Corp., $500; Dominion Express Co., $3.70; King's Printer, $571.10; Harmon & Ward, $6; Int. Diamond Drill Con. Co., $5,348.25; F. Jeune & Bro., Ltd., $29.03; R. H. Lee, $70; Min. & Scientific Press, $5; J. P. Powell (estate), $2.40; R. S. Sargent, $90; A. Stansfield, $5,000; R. H. Stewart, $100; A. K. Stuart, $432.01; Technical Press, $3; Times P. & P. Co., $50.60; A. C. Vincent, $36.55; J. Williamson, $22.85; A. & W. Wilson, $5.75 ..... 12,276 24

Total expenditure, "Mineral Survey and Development Act," Supplementary ..... $ 24,931 66

Statutory ("Mineral Survey and Development Act," Chapter 41, 1917).

Salaries:				
W. M. Brewer	$2,100 00	Expenses	$1,338 77	$ 3,438 77
G. A. Clothier	2,100 00	„	1,466 20	3,566 20
P. B. Freeland	1,800 00	„	936 92	2,736 92
J. D. Galloway	1,800 00	„	795 96	2,595 96
A. G. Langley	2,100 00	„	862 71	2,962 71
R. W. Thomson	1,800 00	„	765 61	2,565 61
				$ 17,866 17

General:

C.P.R. Tel. Co., $1.91; Dominion Express Co., 75c.; Dominion Government Telegraphs, $6.85; Elec. Blue Print & Map Co., $2.90; Grand Forks Garage, $16.50; M. Heilbroner, $3; King's Printer, $105.98; R. H. Lee, $98; Macey Office Equip. Co., $17.50; A. McGregor, $23; D. Nation, $10; J. G. Powell, $17.60; Rauk Press, $1; Ruddy & McKay, $3.50; R. S. Sargent, $90; W. Thomas, $18.55; Ward's Nat. Sc. Est., $89.05; R. T. Ward, $1,300 1,806 09

Total expenditure, "Mineral Survey and Development Act," Statutory 19,672 26

Statutory ("Coal-mines Regulation Act," Chapter 160, 1911).

J. Ashworth, $500; A. Bryden, $241.45; Dominion Express Co., $27.30; T. Graham, $500 ..... $ 1,268 75

Total expenditure, "Coal-mines Regulation Act," Statutory 1,268 75

Statutory ("Placer-mining Act," Chapter 165, 1911).

W. J. Boswell ..... $ 25 00

Total expenditure, "Placer-mining Act," Statutory 25 00

Total expenditure, Department of Mines ..... $ 203,339 99

No. of Vote.	SERVICE.		Expended.	
	DEPARTMENT OF THE PROVINCIAL SECRETARY.			
157.	MINISTER'S OFFICE.			
	Salaries ($7,190):			
	Provincial Secretary	Hon. J. D. MacLean	$ 6,000 00	
	Secretary	W. King	1,190 00	
			$ 7,190 00	
	Expenses ($1,393.03):			
	Office Supplies, etc.: B.C. Telephone Co., $129.36; C.P.R. Telegraph, $81.67; Copp, Clark Co., Ltd., $1.50; Dominion Govt. Telegraphs, $2.68: G.N.W. Tel. Co., $37.35; King's Printer, $342.48; Greenwood Ledge, $2; Macey Office Equipment Co., $32.90; Omineca Herald, $4; postage, $57.24; Social Welfare, $1.50; Vancouver Daily Sun, $4; Victoria Daily Colonist, $9; Victoria Daily Times, $12.60		718 28	
	Travelling Expenses: Hon. J. D. MacLean		674 75	
	Total expenditure, Minister's Office			$ 8,583 03
158.	GENERAL OFFICE.			
	Salaries ($8,636.65):			
	Deputy Provincial Secretary	A. C. Reddie	$ 280 00	
	Deputy Provincial Secretary	J. L. White	2,860 00	
	Chief Clerk	P. Walker	2,112 00	
	Postal Clerk	F. G. Maynard	1,580 00	
	Clerk	J. H. W. Fergusson	910 00	
	Stenographer	M. E. Rickaby	720 00	
	Temporary assistance: W. H. Cochrane $12 00; F. Protich $37.50; F. Hurley 116 15; A. M. Walker 9 00		174 65	
			$ 8,636 65	
	Expenses ($3.657.54):			
	Office Supplies, etc.: B.C. Telephone Co., Ltd., $188.91; C.P.R. Telegraph Co., $117.82; Colonist P. & P. Co., Ltd., $15.20; Columbian Co., Ltd., $64.50; Dominion Govt. Telegraphs, $1.92; Dominion Express Co., $2.50; Employers' Liability Assurance Co., $4; Empire Pub. Co., $2.72; Fraser & Co., Ltd., $1.15; General Cartage Association, $1; G.N.W. Telegraph Co., $6.52; Kamloops Telegram, $1.50; King's Printer, $2,349.21; Lands Department, 50c.; Macey Office Equipment Co., $218.55; Nanaimo Free Press, $16.20; Peerless Key Co., $4.95; postage, $293.14; Public Works Dept. (labour), $30.65; Reliable Messenger Service, $15; Reliable Transfer Co., $193.75; Times Ptg. & Pub. Co., Ltd., $37.40; Vancouver Daily Province, $17.05; Vancouver Daily Sun, $48.40; World, The, $9.70		3,642 24	
	Travelling Expenses: P. Walker, 80c.; J. L. White, $14.50		15 30	
	Total expenditure, General Office			12,294 19
159.	PROVINCIAL BOARD OF HEALTH.			
	Salaries ($11,848.50):			
	Secretary	H. E. Young	$ 4,200 00	
	Chief Sanitary Inspector	F. DeGrey	2,100 00	
	Junior Clerk	C. Hamilton	900 00	
	Deputy Registrar, Births, Deaths, and Marriages	M. Miller	1,484 00	
	Clerk	H. B. French	1,260 00	
	Junior Clerk	J. Marshall	600 00	
	Stenographer	K. E. Brown	910 00	
	Carried forward		$ 11,454 00	$ 20,877 22

No. of Vote.	SERVICE.		Expended.
	DEPARTMENT OF THE PROVINCIAL SECRETARY—*Continued.*		
159.	Provincial Board of Health—*Continued.*		
	Brought forward	$ 11,454 00	$ 20,877 22
	Salaries—*Concluded.*		
	Temporary assistance:		
	E. M. Brown $ 18 00; M. Gosse $160 00; C. Coupez 11 50; M. Legg 27 50; H. Dill 7 50; I. D. Todd 17 50; L. C. Foggo 152 50	394 50	
		$ 11,848 50	
	Expenses ($81,005.92):		
	Office Supplies, etc.:		
	American Child Hygiene Association, $3; American Medical Association, $6.50; American Public Health Association, $5; Bailliere, Tindall & Cox, $3.67; B.C. Telephone Co., $145.47; British Medical Association, $24.30; Cambridge University Press, $6.06; Canadian Medical Association, $5; Canadian Medical Quarterly, $3; C.P.R. Telegraph Co., $26.48; Dominion Government Telegraphs, $3.93; Dominion Express Co., 75c.; G.N.W. Tel. Co., 57c.; G. H. Hewitt Co., $2.70; King's Printer, $2,877 60; Lancet, $9.74; J. B. Lippincott Co., $2.50; Macmillan Co. (Can.), $4.25; Modern Hosp. Pub. Co., $3; Peerless Key Co., $5; postage, $367.25; Public Health Journal, $2; Society of Trop. Medicine, $5.09; Times P. & P. Co., $12.60....	3,525 46	
	Travelling Expenses:		
	P. Badman, $3; F. DeGrey, $1,799.12; H. E. Young, $188.35 ..	1,990 47	
	Medical Inspection of Schools:		
	F. W. Andrew, $30; M. G. Archibald, $44.75; G. R. Baker, $14; G. Burke, $100.50; W. D. Calvert, $63; B. E. Church, $135.50; Columbia Coast Mission, $114.50; E. Denovan, $65.50; D. S. Dixon, $31.50; W. Dykes, $114; R. Elliott, $10; H. R. Fort, $42; A. C. Frost, $42.50; J. J. Gillis, $92; W. E. Gomm, $129; Green & McKinnon, $184.50; J. H. Hamilton, $85; G. B. Henderson, $120; C. T. Hilton, $16; S. E. M. Hoops, $39; F. Inglis, $36.50; Irving & Murphy, $288; A. V. Jones, $361.10; H. W. Keith, $78.50; J. E. H. Kelso, $76; King's Printer, $82.95; W. J. Knox, $180; R. W. Large, $83.50; D. B. Lazier, $11.50; L. Macmillan, $12; D. Macphail, $16; H. Meadows, $47.50; G. Morse, $22; E. H. S. McLean, $69; McMicking & Higgins, $127; G. K. McNaughton, $101.50; G. C. Read, $75.50; G. W. Roberts, $51.50; W. Scatchard, $126; W. F. Shaw, $24.50; W. R. Stone, $99; E. M. Sutherland, $187; J. B. Thom, $39; Thom, Coughlin & May, $135; W. Truax, $48; G. Williams, $103; W. H. Willson, $209; W. Workman, $6.50; J. H. Wright, $26	4,196 30	
	Incidentals and Emergencies:		
	Re *Epidemic of Spanish Influenza.*		
	G. H. Adam, $10.50; J. M. Adams, $55.89; J. A. Aldrich, $88; M. Alexander, $35; W. J. Allan, $3.05; W. Anderson, $52; Anderson's Pharmacy, $12.90; J. Assman, $46.65; A. Ayliffe, $110.50; B. Baird, $2.50; W. Bannister, $10; G. Barnes, $12; M. A. Barnes, $10; Beaton & Hoops, $11; W. Bellos, $64.50; R. Berg, $62; J. Bird, $6; F. Bork, $873.60; J. Bourne, $2.75; F. Bradley, $28; B.C. Govt. Liquor Vendor, $15.45; B.C. Market, $500.55; B.C. Telephone Co., $18.60; G. Broughton, $40; E. Brown, $21; J. N. Brown, $16.35; J. R. Brown, $66; A. Bruin, $32; J. Bryan, $92; Bulkley Transfer Stables, $10; P. Burns, Ltd., $163.20; C. Calhoun, $6.50; W. D. Calvert,		
	Carried forward	$ 21,560 73	$ 20,877 22

No. of Vote.	SERVICE.	Expended.

DEPARTMENT OF THE PROVINCIAL SECRETARY—*Continued.*

159. PROVINCIAL BOARD OF HEALTH—*Continued.*

Brought forward ..... $ 21,560 73 $ 20,877 22

Expenses—*Continued.*
Incidentals and Emergencies—*Continued.*

Re *Epidemic of Spanish Influenza*—Continued.

M.D., $30; Cameron & Calwell, $12; D. E. Campbell, $45.10; G. G. Campbell, $15.50; J. R. Campbell, $280; Can. Bank of Commerce, $4.43; Canadian Express Co., $1.13; C.P.R. Telegraph Co., $397.40; —. Chalmers, M.D., $101.20; Chase Hospital Society, $110.50; A. Chisholm, $95.90; Chow Lee, $20; J. Christie, M.D., $66.40; City Laundry, Prince George, $246.30; City Livery, Kamloops, $12.50; City of Cranbrook, $1,111.28; City of Cumberland, $1,659.96; City of Fernie, $2,966.90; City of Kamloops, $3,357.36; City of Ladysmith, $4,500; City of Nanaimo, $1,500; City of Nelson, $1,889.79; City of Prince George, $177.60; City of Rossland, $3,251.07; City of Trail, $4,222.92; City of Victoria, $31; J. H. Clements, $10.25; T. J. Clemitson, $12.50; J. Cochrane, $88.20; Connaught Hospital, Prince George (salaries), $2,901.40; R. Corless, $20; D. P. Cosgriff, $16.30; K. W. Cowx, $39.27; Creston Hospital, $429.60; L. J. Crosina, $110; W. Davis, $13.50; W. H. Dawes, $42.03; J. Dolan, $1,050; Dominion Govt. Telegraphs, $41.33; J. R. Dungate, $45; C. E. Eastman, $20; S. A. Eby, $107.66; R. Elliott, M.D., $14; Empress Hotel, Hope, $61.50; M. Estabrook, $27; O. Evindsen, $745.60; Fernwood Pharmacy, $3.75; G. Fisher, $10; S. Flannagan, $15; A. B. Fleener, $3.60; G. Forest, $9; T. M. Forknall, $8; Fort George Drug Co., $1,735.27; Fort George & Alta. Telephone Co., $8.15; R. C. Francis, $77.25; Francis & Middaugh, $18; J. A. Fraser, $6; M. A. Fraser, $30; Fuoco Co., $40; H. Giegerich, $2.25; Golden Hospital Society, $534.30; E. C. Graham, $20.50; G.T.P. Rly. Co., $18.60; G.T.P. Tel. Co., $40.79; G.N.W. Tel. Co., $54.30; A. F. Green, $38.50; Greenwood Hospital, $350; E. C. Grogan, $32; H. Gross, $6; Hazelton Hospital, $454.10; Hedley Hospital, $619.48; T. Herlihy, $3.50; G. J. Hill, $17.55; E. T. Hodgkinson, $54.20; M. L. Hollister, $56; Hope Drug Co., $5.95; Hope Trading Co., $13; B. A. Hopkins, M.D., $113.50; K. A. Houghtaling, $30; Hudson's Bay Co., $131.35; W. M. Huston, $26; —. Inkster, $21; Jap Laundry, $7; A. Johnson, $416; C. Johnson, $9.25; E. Jones, $27; P. W. Jupp, $13.75; Kamloops Hospital, $1,000; Kaslo Dairy, $5.20; —. Kerr, $100; D. Killoran, $68.25; E. Kraft, $12; J. B. Langton, $44; D. B. Lazier, M.D., $1,000; B. W. Leeson, $1.92; Leith Bros., $39.40; Lockyer Wood Co., $58.50; E. Lyre, $54.15; C. H. Martin, $64; T. Matsumato, $22.80; Michel Hospital, $1,687.50; H. Miller, $55.80; W. H. Moore, $108; C. Morris, $48; J. Munro, $687.45; C. MacGachen, $34.50; D. McDonald (Ladysmith), $10; D. McDonald (Prince George), $140; McDougall Co., Ltd., $88.60; S. C. McEwan, M.D., $40; M. C. McKay, $25.35; J. McLane, $5.50; E. H. S. McLean, M.D., $50; Nakusp Co-operative

Carried forward ..... $ 21,560 73 $ 20,877 22

No. of Vote.	SERVICE.	Expended.

DEPARTMENT OF THE PROVINCIAL SECRETARY—*Continued.*

159. Provincial Board of Health—*Continued.*

Brought forward ..... $ 21,560 73 $ 20,877 22

Expenses—*Continued.*

Incidentals and Emergencies—*Continued.*

Re *Epidemic of Spanish Influenza*—Concluded.

Society, $7.05; Nakusp Drug Store, $7.75; Nanaimo E. Hospital, $3,000; A. C. Nash, M.D., $35; Natal Drug Store, $23.85; A. Nelson, $105; Nelson Transfer Co., $3; Nelson Daily News, $2.10; W. E. Newcombe, M.D., $15; R. G. Newton, M.D., $480.80; S. Nicholson, $56.75; Nicola Valley Hospital, $500; Noel & Rock, $27.75; Northern Hotel, $114; Northern Lumber Co., $30.70; G. Nozey, $8; L. J. O'Brien, M.D., $155; R. Oliver, M.D., $530; Ormes, Ltd., $14.30; F. Otto, $66; P.G.E. Rly. Co., $10.15; T. W. S. Parsons, $65.45; E. Pearson, $50.75; Penticton Hospital, $560.69; P. Perkins, $2.35; S. Petersky, $80; Phoenix Emergency Hospital, $882; postage, $4; Powell River Co., Ltd., $766.91; Prince George Citizen, $3.50; Prince George Real Estate Company, $145; Prince Rupert Emergency Hospital, $2,000; Princeton Hospital, $500; Quesnel A. Hospital, $1,530.81; Revelstoke Hospital, $1,000; G. Rosenthal, $40; Rosenthal & Devoin, $15.90; Rush Transfer Co., $10.50; R. Rushford, $6; Salmon Arm Garage, $18; Sam Kee, $9.85; Sandon Miners' Hospital, $1,621.92; R. S. Sargent, Ltd., $189.65; Seely & Doodson, $28.55; F. Short, $61.90; A. C. Sinclair, M.D., $32.50; J. J. Skillicorn, $6; Smithers School Board, $38; South Vancouver Municipality, $1,500; D. Spencer, Ltd., $54; G. E. Story, M.D., $872.50; W. Stewart, $7.50; St. Luke's Hospital (Powell River), $70; J. Strachan, $7; N. E. Suddaby, $2.50; Summerland Hospital Society, $422.90; G. Sunderland, $8; E. M. Sutherland, $33.50; J. Sylvester, $66; C. Tame, $14.15; Terrace Emergency Hospital, $61.93; Terry's Drug Store, $6; Times P. & P. Co., Ltd., $26; J. T. Tipping, $7; G. D. Tite, $384.50; Trites-Wood Co., $48.13; W. Truax, M.D., $125; H. L. Turnbull, M.D., $12.50; Union Hospital, Prince George, $475; Vancouver Daily Province, $87.45; Vancouver Daily Sun, $17.55; Rev. R. E. Walker, $60.60; W. Wallace, $5; J. Walsh, $11; G. de B. Watson, M.D., $12; C. W. Webster, $55.15; H. Welch, $10; A. Welton, $76; West Coast General Hospital, $500; West Disinfecting Co., $104.45; C. P. B. Wesley-Newton, $73; W. H. Wood, $79.50; Woodland & Quinn, $3.90; H. C. Wrinch, M.D., $37; F. Wyatt, $12; Yee Lee Co., $39.80; A. D. Young, $596; F. Zorn, $16.60 ..... $ 65,774 22

General.

American Review of Tuberculosis, $3; J. Anderson, $3; P. Badman, $1.50; W. Bews, $2.80; A. W. Bleasdell, $8.80; G. Bough, $56; B.C. Elec. Rly. Co., Ltd., $1.65; B.C. Telephone Co., Ltd., $5.50; J. J. Bryan, $24.99; H. Burditt, $10; G. C. Campbell, $3; C.P. Rly. Co., $40.85; C.P.R. Telegraph Co., $30.40; Cariboo Observer, $6; Carr's Garage, $3; City of New Westminster, $9.45; City of Victoria, $73.90; C. D. Clough, $25; Columbia Coast

Carried forward ..... $ 65,774 22 $ 21,560 73 $ 20,877 22

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF THE PROVINCIAL SECRETARY—*Continued.*			
159.	PROVINCIAL BOARD OF HEALTH—*Concluded.*			
	Brought forward	$ 65,774 22	$ 21,560 73	$ 20,877 22
	Expenses—*Concluded.*			
	Incidentals and Emergencies—*Concluded.*			
	General—Concluded.			
	Mission, $25; P. Conrad, $3.50; Crowsnest Trading Co., $34.60; A. Dale, $5; F. A. Davis Co., $3; F. Deeley, $22.50; W. M. Dicken, $21.50; Dominion Express Co., $43.55; Dominion Govt. Telegraphs, 25c.; E. Dykins, $60; H. Dykins, $35; F. Edens, 50c.; A. Elliott, $5.75; R. Elliott, M.D., $4; Employers' Liability Assurance Co., $4; England & Son, 90c.; Fernie Motor Co., $6; Fort George Drug Co., $10.50; A. Galloway, $79.50; D. Gash, $3.50; Granby Con. M., S. & P. Co., $3; G.N.W. Telegraph Co., $17.66; J. B. Grigsby, $150; G. O. Guise, $6; J. H. Hamilton, M.D., $15; G. B. Henderson, $5; C. T. Hilton, M.D., $10; R. Hirtz, 70c.; Irving & Murphy, M.D.'s, $205; T. James, $100; L. C. Jamieson, $73.05; E. R. Kelly, $10; King's Printer, $2,756.75; Lea & Febiger, $2.25; T. R. Lloyd, $20; N. T. MacEachern, M.D., $8.25; C. G. G. Maclean, M.D., $18; D. Macphail, M.D., $15; Market Co., 45c.; R. Matthews, $3; Merryfield & Dack, $4.80; E. Mills, $175.50; W. Mills, $6; —. Moffatt, $2; A. D. I. Mustart, $8.80; McBride Trading Co., $58.76; D. McCaffrey, M.D., $8; F. G. McDonald, $28.25; H. McLaren, $1.80; E. H. S. McLean, M.D., $40; B. McLellan, $10.65; S. J. McNally, $52.80; Nakusp Drug Store, $5.50; Nat'l Child Welfare Association, $26; A. Nelson, $5; W. R. Owen, $15; Palace Livery, $3; Parke, Davis & Co., $1,417.46; S. Petersky, $132.50; Poole Drug Co., $2; R. Pritchard, $2.50; Regal Films, Ltd., $9; Reliable Messenger Co., $1.10; H. E. Ridewood, M.D., $30; E. H. Robinson, $2.25; J. Russell, $25.30; San Yin, $10.50; L. Smith, M.D., $11; D. Spencer, Ltd., $8.32; N. E. Suddaby, $4.75; J. A. Sutherland, M.D., $8.25; T. A. Swift, M.D., $70; J. A. Tepoorten, $2.20; H. H. Thoreau, $5; W. J. C. Tomalin, M.D., $65; Trail News, $2.40; G. H. Tutill, M.D., $16; F. T. Underhill, M.D., $15; L. Unwin, $35; Vancouver Daily Sun, $33.90; Vancouver General Hospital, $26.50; H. Vickers, $23.45; Victoria Gas Co., $7.32; Victoria Steam Laundry, $4.20; W. P. Walker, M.D., $406.50; F. W. Warren, $160; West Disinfecting Co., $114.63; W. Wilde, $5; B. Wilson Co., $44.20; W. H. Wood, $43.50; G. H. Wyatt, $21.50; Tuberculosis Reports, $154.50	7,469 09		
		$ 73,243 31		
	By cash	1,949 62		
			71,293 69	
	Total expenditure, Provincial Board of Health			92,854 42
160.	PROVINCIAL MUSEUM.			
	Salaries ($6,445.92):			
	Director ..... F. Kermode		$ 2,191 92	
	Recorder ..... H. J. Hendry		780 00	
	Assistant Biologist ..... W. R. Carter		1,260 00	
	Carried forward		$ 4,231 92	$ 113,731 64

No. of Vote.	SERVICE.	Expended.

DEPARTMENT OF THE PROVINCIAL SECRETARY—*Continued.*

160. PROVINCIAL MUSEUM—*Concluded.*

Brought forward ..... $ 4,231 92 $ 113,731 64

Salaries—*Concluded.*

Attendants:

E. A. Cooke .....$1,140 00 R. W. Park $1,050 00 2,190 00

Temporary assistance (extra services):

E. A. Cooke ..... 13 00 R. W. Park 11 00 24 00

$ 6,445 92

Expenses ($1,001.70):

Office Supplies, etc.:

B.C. Telephone Co., $92.03; C.P.R. Telegraph Co., 60c.; Dominion Express Co., $16.45; King's Printer, $376.15; Nat. Drug & Chem. Co., 88c.; F. Mellor, $2.50; postage, $23.06; Reliable Transfer Co., $1.50; Weiler Bros., $13.40 ..... 526 57

Collection and Purchase of Specimens:

Lemon, Gonnason Co. 62 50

Incidentals:

C. V. Blackburn, 75c.; British American Paint Co., $15.96; D. E. Campbell, $3.50; Durand Agency, $2.80; E. Fleming, $8; Hawkins & Hayward, $1.25; Lemon, Gonnason Co., $300; Melrose Co., $6.20; Nat. Drug & Chem. Co., $47.90; Times P. & P. Co., $13.52; Turner, Beeton & Co., $8.70; Weiler Bros., $4.05 ..... 412 63

Total expenditure, Provincial Museum ..... $ 7,447 62

MENTAL HOSPITALS.

161. NEW WESTMINSTER.

Salaries ($64,717.69):

Assistant Medical Supt.		H. C. Steeves	$2,275 00		
Assistant Physician		E. J. Ryan	1,800 00		
Bursar		T. H. Cambridge	1,464 00		
Assistant Bursar		M. H. McCabe	1,210 00	$ 6,749 00	
Stenographers:					
P. Gavegan	$ 80 00	L. A. Sheppard	590 32		
W. E. Hunt	240 00	.....		910 32	
Attendant, Chief		T. Spooner		1,093 52	
Attendant, Deputy Chief		J. F. O'Reilly		992 22	
Attendants:					
W. Baldston	$708 32	A. Lane	5 12		
H. Birkby	571 00	R. Miller	819 85		
E. G. Blower	63 00	C. A. Monteith	862 54		
C. Burnett	706 00	A. M. Morgan	45 16		
J. Callaghan	863 00	F. Morshead	630 63		
W. A. Crawley	63 00	A. McDonald	354 42		
C. R. Evans	779 00	T. McKee	164 61		
C. Fedewa	635 00	J. McLean	625 65		
J. Fraser	422 70	G. McLeod	357 68		
W. Gilmour	323 42	P. Nelson	70 11		
R. Godtseels	239 81	F. Newton	67 94		
T. Gracey	111 30	J. M. Nicholson	427 40		
H. Hardy	41 86	G. E. Norton	17 09		
W. Hewton	814 00	T. Pennington	713 00		
A. Holford	347 52	J. Reid	229 69		
J. Holland	867 50	J. Robertson	158 99		
O. Houle	863 00	C. S. Rowe	36 18		
H. Hoult	32 90	J. Snowdon	345 48		
G. Johnson	170 70	D. Stoker	162 00		
R. F. Johnston	80 90	W. C. Trewern	697 56		
F. Jones	841 70	C.E.S. Wilkinson	767 00		
G. Jones	891 54	W. J. Williams	659 00		
R. Kells	137 96	S. L. Woods	349 06	19,141 29	

Carried forward ..... $ 28,886 35 $ 121,179 26

No. of Vote.	SERVICE.		Expended.
	DEPARTMENT OF THE PROVINCIAL SECRETARY—*Continued.*		
	MENTAL HOSPITALS—*Continued.*		
161.	NEW WESTMINSTER—*Continued.*		
	Brought forward	$ 28,886 35	$ 121,179 26
	Salaries—*Continued.*		
	Auto-driver ..... E. Rushton	960 00	
	Baker ..... F. Green	1,129 00	
	Carpenters:		
	T. Cormack ..$ 110 32 R. T. Hall $930 00	1,040 32	
	Chaplains:		
	Rev. R. Lennie 249 96 Rev. F. Beck... 249 96	499 92	
	Cooks:		
	F. P. McIntosh 700 00.. C. Smith 486 66	1,186 66	
	Dentist ..... F. P. Smith	480 00	
	Engineers:		
	T. D. Archibald 1,040 00 W. F. Johnson 1,335 00		
	J. J. Briggs .. 1,020 00	3,395 00	
	Farmers:		
	J. Bailey .... 291 00 J. Fraser 1,103 12	1,394 12	
	Gardeners:		
	J. Booth .... 1,129 00 W. Ewbank ... 840 08	1,969 08	
	Laundryman ..... E. B. Jones	1,129 00	
	Matron ..... M. Fillmore	1,440 00	
	Mess Orderly ..... D. M. Rankin	147 25	
	Nurses:		
	M. Adams .... 430 00 A. C. Mills 251 22		
	M. Anderson ... 550 00 L. Moffitt 509 00		
	V. Balkwell .... 291 16 M. H. McDonald 281 83		
	A. Barnett .... 442 00 E. McEwen 67 14		
	A. Bonsfield ... 247 00 K. McKenzie .. 445 47		
	A. Bruce ..... 108 00 C. McQuillan .. 170 71		
	A. Burchall ... 290 88 A. Naylor 236 38		
	A. Cambridge .. 99 35 C. O'Reilly 550 00		
	C. Campbell.... 324 52 R. L. Orr 280 54		
	M. Colvin ..... 486 50 M. Pell 126 57		
	F. Cope ..... 185 33 S. Pentland ... 398 00		
	E. Denby ..... 87 42 E. J. Patterson. 63 22		
	M. J. Early .... 502 00 E. Robson 68 39		
	G. Evans ..... 155 00 R. Rocks 65 80		
	A. Findlay ..... 179 67 A. B. Scarlett.. 232 25		
	N. Fleming .... 68 39 G. E. Slack 238 65		
	E. M. Franklin. 90 67 A. Smith 210 21		
	M. French ..... 46 79 E. Stewart 251 29		
	A. T. Fullerton. 188 00 M. Todd 35 00		
	L. Furness .... 77 14 M. M. Todd .. 65 71		
	L. Gallagher ... 65 71 G. Tovey 100 50		
	C. Gillespie ... 65 71 A. Truman 124 25		
	E. Gladstone... 246 45 M. Watson 550 00		
	E. T. Gromme.. 135 93 E. White 489 00		
	M. M. Hamilton 152 25 C. Woods 90 00		
	L. Jones ..... 538 00 G. Woods..... 481 00		
	M. Kempf 444 99	12,880 99	
	Orchestra:		
	H. Birkby ..... 36 00 C. A. Monteith.. 48 00		
	W. Ewbank ... 48 00 C. Salter 32 00		
	H. D. Mackness 300 00 V. M. Vass 192 00	656 00	
	Painter ..... C. Salter	1,099 00	
	Photographer ..... C. H. Matthews	300 00	
	Plasterer ..... G. Curbishly	240 00	
	Plumber ..... W. H. Oliver	1,129 00	
	Seamstresses:		
	E. Black ..... 456 00 M. Pennington.. 442 00		
	S. Huntley 624 00	1,522 00	
	Carried forward	$ 61,483 69	$ 121,179 26

No. of Vote.	SERVICE.		Expended.
	DEPARTMENT OF THE PROVINCIAL SECRETARY—*Continued.*		
	MENTAL HOSPITALS—*Continued.*		
161.	NEW WESTMINSTER—*Continued.*		
	Brought forward	$ 61,483 69	$ 121,179 26
	Salaries—*Concluded.*		
	Shoemaker ..... J. McMillan	950 00	
	Steward ..... R. Rees	90 00	
	Tailors:		
	W. F. Beggs ..$1,129 00 A. French ...$1,059 00	2,188 00	
	Teamster ..... W. T. Stewart	6 00	
		$ 64,717 69	
	Expenses ($97,807.10):		
	Office Supplies, etc.:		
	Albion Motor Express, $3; B.C. Telephone Co., $546.72; C. Burnett, $16; W. R. Burr & Co., $6.15; Burroughs Add. Machine, $12.36; Canadian Bank of Commerce, $16.75; C.P.R. Telegraph, $17.96; Colonist P. & P. Co., $10; Columbian Co., Ltd., $1.60; Cramer & Co., Ltd., $4; F. A. Davis Co., $3; Dominion Express Co., $4.90; G.N.W. Telegraph, $45.67; Journal of Nervous Mental Diseases, $8; J. Hopkins Press, $5.25; King's Printer, $193.39; Lea & Febiger, $5; J. B. Lippincott Co., $16.50; Medical Review of Reviews, $4.50; Medical Legal Journal, $2; Modern Hospital, $5; H. Morey & Co., $18.93; Nat. Com. for Mental Hygiene, $4; Office Specialty Mfg. Co., $32.80; postage, $218; United Typewriter Co., $33.25; Vancouver Daily Province, $25.90; Vancouver Daily Sun, $12; Vancouver World, $24; Western Stationery Co., $5.50..	1,302 13	
	Travelling Expenses:		
	Bursar, $47; sundry employees, $11.39; D. D. McDonald, $13.15	71 54	
	Fuel, Light, and Water:		
	Anderson & Lusby, $53.33; Belyea & Co., Ltd., $297.87; B.C. Elec. Rly. Co., $163.72; Corporation of City of New Westminster, $3,770.62; Cunningham Hardware Co., $2.40; Gilley Bros., $11,374.18; Hume & Rumble, $119.90; J. Mayers, $853.94; C. Moulton, $187.03; McColl Bros., $56.90; New Westminster Gas Co., $938.58	17,818 47	
	Maintenance and Repairs of Buildings, etc.:		
	Albion Motor Express, $7.05; American Laundry Machine Co., $39.90; Anderson & Lusby, $1,106.61; Annandale Supply Co., $451.49; Belyea & Co., 75c.; Bishop & Christie, $3.05; Bristol Co., $24.94; B.C. Barbers' Supply Co., $21.25; B.C. Elec. Rly. Co., $3.66; S. Brock, Ltd., $287.25; Brooks Woodworking Co., $72.04; Brunette Saw Mill Co., $544.71; B.C. Brush Works, $20; Chapman Motor Co., $3.25; Crane & Co., $298.41; Cunningham Hardware Co., $3.10; D. S. Curtis & Co., $3; Davies & Son, $64.50; S. J. Davison, 75c.; J. Gibbons, $25.10; Gilley Bros., $127; Hargreaves, Ltd., $23.62; Heaps Engineering Co., $24.50; H. P. Hudson, $42.85; Hyslop Hardware Co., $25.50; H. T. Kirk, $309.67; E. Lipsett, $147.04; Mannering & MacKenzie, $289.18; Merchants, Ltd., $30.35; C. Moulton, $10.50; McClary Mfg. Co., $11.60; A. Ramsay & Son, $44.27; Royal City Decorating Co., $14.60; Singer Sewing Machine Co., $5.40; J. F. Smith Co., $15.87; T. H. Smith Co., $11; Smith, Davidson &		
	Carried forward	$ 83,909 83	$ 121,179 26

No. of Vote.	SERVICE.		Expended.
	DEPARTMENT OF THE PROVINCIAL SECRETARY—*Continued.*		
	MENTAL HOSPITALS—*Continued.*		
161.	NEW WESTMINSTER—*Continued.*		
	Brought forward	$ 83,909 83	$ 121,179 26
	Expenses—*Continued.*		
	Maintenance and Repairs of Buildings, etc.—*Concluded.* Wright, $182.38; C. C. Snowdon, $8.35; G. R. Speck, $4.55; Spring & Sibley, $156.19; Timmons Bros., $407.75; T. J. Trapp & Co., $370.64; Vancouver Machinery Depot, $24.65; West Disinfecting Co., $55.25; Westminster Iron Works, $201.42; Westminster Weld. Works, $5; Whiton Hardware Co., $3.13; Wood, Vallance & Leggat, $30.35.....	5,563 42	
	Furniture and Fixtures: Anderson & Lusby, $84.65; C.P. Rly. Co., $24.94; Cassidy's, Ltd., $236.54; Collector of Customs, $1.25; Fair, The, $2.15; Hyslop Hardware Co., $6; Invalid Soldiers' Commission, $399.84; Merchants, Ltd., $18; C. Moulton, $41.10; Reid Bros., $216; Reliable Furniture Co., $108; T. H. Smith, Ltd., $3,393.74; T. J. Trapp & Co., $14.35.....	4,546 56	
	Provisions: Annandale Supply Co., $22,937.50; B. & K. Milling Co., $2,652; P. Burns & Co., Ltd., $9,686.16; City Dairy Co., Ltd., $42.90; G.N. Rly. Co., $36; Kelly Confection Co., $28.75; Kelly, Douglas Co., Ltd., $1.50; Monk & Co., $2,586.18; Oakalla Prison Farm, $40.23; Oxford Dairy Co., $474.50; Patten & Co., Ltd., $63; Swift Canadian Co., $244.46; Vancouver Milling & G. Co., $5,076.50; V.-P.R. Meat Co., Ltd., $3,443.96; C. A. Welsh, $437.23...	47,750 87	
	Uniforms and Clothing: Albion Motor Express, $1.75; B.C. Elec. Rly. Co., 70c.; Burr Office Supplies, $1.40; C.P. Rly. Co., $5.95; De Laval Dairy Supply Co., $3.30; Dominion Express Co., $34.69; Gault Bros., Ltd., $3,085.67; Johnston's Big Shoe House, $70.60; Muirhead & Branston, $454.62; Oxford Mfg. Co., Ltd., $895.37; Reid & McDonald, $1,580.85; T. H. Smith Co., Ltd., $908.11; Storey & Campbell, $1,309.49; T. J. Trapp & Co., Ltd., $3.75; I. V. Williams, $3	8,359 25	
	Medical and Surgical Supplies: Albion Motor Express, $5.25; B.C. Govt. Liquor Vendor, $222.55; W. H. Caldwell, $62.10; C.P. Rly. Co., 35c.; Chandler & Fisher, $71.68; Chapman's Motor Co., $3.50; D. S. Curtis, $196.12; Dominion Express Co., $1.92; Frost & Co., $87.59; Gilmour Bros. Co., $60; F. W. Horner, $1.07; Hygiene Products, Ltd., $8.50; Parke, Davis & Co., $11.60; Royal Columbian Hospital, $68; H. Ryall, $135.35; B.C. Stevens Co., Ltd., 113.05; Temple-Pattison Co., $21	1,069 63	
	Examinations, Committals, and Transportation: G. H. Adam, $50.35; W. Arbuckle, M.D., $5; C. G. Barber, $6.55; W. T. Barrett, M.D., $5; J. Bermak, M.D., $5; K. F. Birchall, $104.40; Bonnell, Garner & Co., $5; B. F. Boyce, M.D., $5; L. Broe, M.D., $5; F. G. Brown, $41.15; J. N. Brown, $16.75; H. L. Bryce, $30; Burris & Archibald, $10; Bursar, $6.07; J. P. Cade, M.D., $20; J. Callander, 60c.; C.P. Rly. Co., $116.35; A. K. Cape, $34.05; P. Carr, $102.85; Carr's Garage, $3.50; D. F. Carswell, M.D., $10; G. A. Carter, $40.15; A. L. Chinn, $6; J. Christie, M.D., $13; City of Victoria,		
	Carried forward	$151,199 56	$ 121,179 26

No. of Vote.	SERVICE.		Expended.
	DEPARTMENT OF THE PROVINCIAL SECRETARY—*Continued.*		
	MENTAL HOSPITALS—*Continued.*		
161.	NEW WESTMINSTER—*Continued.*		
	Brought forward	$151,199 56	$ 121,179 26
	Expenses—*Continued.*		
	Examinations, Committals, and Transportation—*Concluded.*		
	$10.80; J. S. Clute, $15; S. Cooling, $96.20; Corporation of Penticton, $46.55; G. F. Curtis, M.D., $10; L. T. Davis, M.D., $11; H. L. Edmonds, $22.50; F. N. Emmott, $109.45; C. F. Evans, $73.60; T. M. Forknall, $8.50; R. L. Fraser, M.D., $5; G. Gervais, $125.45; J. Gillett, $20; J. J. Gillis, M.D., $13.50; E. C. Graham, $37.70; W. Greenwood, $5; W. H. Hadley, 50c.; B. G. Hamilton, $35; J. H. Hamilton, M.D., $20; J. Hannay, $30.10; J. Hevenor, $22.50; R. Hicks, M.D., $5; J. Holt, $4.40; B. A. Hopkins, M.D., $5; S. N. Hopkins, M.D., $5; G. H. Howieson, $107.90; O. G. Ingham, M.D., $5; Irving & Murphy, M.D.'s, $25; S. Jackson, $58.05; J. F. Johnston, $49.95; A. V. Jones, $10; P. T. Kelly, $56; J. E. H. Kelso, M.D., $5; W. T. Kergin, M.D., $5; R. W. Large, M.D., $5; D. B. Lazier, M.D., $5; M. T. Lee, $4; O. O. Lyons, M.D., $100; J. Macdonald, $293.30; J. A. Macdonald, $3; —. Manners, $21; C. R. Marlatt, M.D., $5; S. Marshall, $89.75; G. Millar, $52.25; H. P. Millard, M.D., $5; W. G. Morris, M.D., $5; G. B. Murphy, M.D., $5; A. D. I. Mustart, $7.90; G. E. L. MacKinnon, M.D., $5; G. K. MacNaughton, M.D., $13; D. H. McCaffrey, $15; J. McCannell & Son, $1; R. McDonald, $28.75; E. H. McEwen, M.D., $5; A. McKay, $8.50; J. G. McKay, M.D., $45; B. McLellan, $169.25; T. J. McPhee, M.D., $10; B. Nottingham, $15; Ocean Falls Hospital, $66; W. Patterson, $58.45; A. M. Pearman, $45.15; R. Pritchard, $29.85; W. L. Ritchie, M.D., $15; E. J. Rothwell, M.D., $5; R. Rushford, $15; E. F. W. Sellentin, $3.50; W. F. Shaw, M.D., $10; J. W. Sheil, $31.05; W. Spiller, $24.85; R. G. Stephenson, M.D., $20; A. Strang, $7.50; A. J. Stuart, $5; A. A. Sutherland, M.D., $10; R. J. Sutherland, $175.80; J. B. Thom, M.D., $8; A. Tresierra, $7.50; J. A. Tupper, $2.50; G. H. Tutill, M.D., $13.50; Vancouver Auto & T. Service, $10; A. R. Westerberg, $60; J. Williams, M.D., $15; H. J. Wilson, $98.60; W. A. Wisley, $70.40; A. C. Wood, $28.30..	3,454 07	
	Incidentals and Unforeseen:		
	Anderson & Lusby, $4.60; Annandale Supply Co., $1.20; C. Barrel, $15; Bearing Supply House, $15.75; Begg Motor Co., Ltd., $39.10; S. Bowell Co., $135; B. & K. Milling Co., Ltd., $4,511.30; S. Brock, Ltd., $206.90; Bryson & Sons, $2.50; Bursar, The, $31.71; Canadian Film Service, $42; Chapman's Motor Cartage, $2.50; Columbian Co., Ltd., $1.40; S. J. Davison, $11.75; Dominion Express, 25c.; A. Edwards, $3; Edwards Bros., 55c.; Fair, The, $7; W. E. Fales, $75; W. Galbraith, $3; Gilley Bros., Ltd., $12; Grain-growers' B.C. Agency, $1,262.46; G.T.P. S.S. Co., $18.55; Hudson's Bay Co., $3.67; Imperial Oil, Ltd., $153; J. J. Johnston, $56.25; H. T. Kirk, $6.50; F. J. Lynch, $18.75; H. D. Mackness, $132; Montelius		
	Carried forward	$154,653 63	$ 121,179 26

No. of Vote.	SERVICE.	Expended.
	DEPARTMENT OF THE PROVINCIAL SECRETARY—*Continued.*	
	MENTAL HOSPITALS—*Continued.*	
161.	NEW WESTMINSTER—*Concluded.*	
	Brought forward $154,653 63	$ 121,179 26
	Expenses—*Concluded.*	
	Incidentals and Unforeseen—*Concluded.*	
	Piano House, $15; H. Morey & Co., 50c.; D. Murchie & Son, $75; McAllister Spring Co., $9.50; McColl Bros. & Co., $28.20; T. Ovens, $33; Royal Columbian Hospital, $7.50; Shell Co., $473.60; Singer Machine Co., $9.10; T. H. Smith Co., Ltd., $68.84; Specialty Films, Ltd., $12; G. R. Speck, $12.85; Stewart Photo Co., $65.33; Toronto Evening Telegram, $2.25; T. J. Trapp & Co., Ltd., $34.70; Urry & Bewley, $20.50; Vancouver Daily Province, $1.55; Vancouver Daily Sun, 85c.; C. A. Welsh, Ltd., $1.50; Westminster Brewery, $225; World, The, $1.70 ..... 7,871 16	
	Total expenditure, Mental Hospital, New Westminster.... $162,524 79	
162.	ESSONDALE.	
	Salaries ($76,450.93):	
	Medical Superintendent .... C. E. Doherty $2,000 00	
	Assistant Physician ..... A. L. Crease.. 2,275 00	
	Bursar ..... G. S. McGowan 2,245 00	
	Assistant Bursar ..... C. Fletcher .. 1,270 00	
	Analyst ..... C. H. Gooding 1,150 00 $ 8,940 00	
	Stenographers:	
	E. L. Briggs ... $ 1 60 G. W. Oakley .. 578 06	
	F. M. Chase ... 487 50 H. W. Strong .. 495 00 1,562 16	
	Attendants:	
	T. G. Bailey ... 625 00 Jas. Johnson .. 841 93	
	J. T. Baker ... 942 66 Joe Johnston .. 263 60	
	H. Banham .... 65 48 T. Johnson 730 00	
	J. C. Banton .. 842 93 A. King 148 35	
	W. Bayliss .... 23 40 W. Large 302 40	
	A. G. Beaton .. 693 21 N. R. W. Lihon 221 79	
	W. R. Berry .. 373 94 A. C. C. Loat .. 375 97	
	J. Blackburn .. 756 95 J. Lobban 86 56	
	F. Boutin ..... 16 26 C. H. Lutley .. 263 60	
	F. Y. Bull .... 334 00 T. Lynch 885 92	
	P. J. Carty ... 718 00 A. Mackenzie .. 30 48	
	S. R. Chandler.. 288 75 W. Mackie 32 06	
	C. E. Clemans .. 20 51 J. Minns 730 00	
	J. Collins ..... 24 39 R. Monteith .. 743 20	
	S. Cooling ..... 145 30 J. M. Murphy .. 748 33	
	J. Cowan ..... 144 80 T. A. Morris .. 793 06	
	J. R. Cowley 766 00 R. Muir 706 00	
	D. Coutts .... 326 89 R. R. Jackson.. 812 00	
	W. Creber .... 730 64 H. McAllister .. 754 00	
	N.W.Cunningham 892 80 G. McCartney .. 46 74	
	P. G. Cunningham 219 55 W. McKenzie .. 159 00	
	E. Dahling .... 806 60 G.B.McNaughton 753 50	
	E. English .... 90 00 J. L. O'Gorman. 416 00	
	T. Fellows .... 747 37 L. Overton 83 60	
	A. Flannagan .. 755 66 G. Perry 329 17	
	W. Fletcher .... 759 00 J. Porteous 642 73	
	A. Fraser ..... 776 95 G. A. Pratt 436 77	
	F. C. Frazee .. 128 22 M. Pudney 604 75	
	E. S. Gibbon .. 85 48 P. Reilly 533 80	
	J. A. Gibson .. 757 20 W. Reynolds .. 426 90	
	W. Gilmour ... 54 65 A.W.Richardson 40 64	
	Carried forward ..... $ 10,502 16	$162,524 79 $ 121,179 26

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF THE PROVINCIAL SECRETARY—*Continued.*			
	MENTAL HOSPITALS—*Continued.*			
162.	ESSONDALE—*Continued.*			
	Brought forward	$ 10,502 16	$162,524 79	$ 121,179 26
	Salaries—*Concluded.*			
	Attendants—*Concluded.*			
	G. A. Graham.. $466 64	T. Roche $172 67		
	W. N. Graham. 72 00	G. Scott 730 73		
	H. Griffith 755 66	D. S. Sinclair.. 184 93		
	R. Haddock ... 14 23	A. Smith 898 00		
	W. J. Hall 264 00	N. Thornley ... 143 06		
	A. Halliburton.. 116 25	A. E. Venn 58 13		
	T. H. Harrison. 329 01	J. Watts 621 13		
	M. J. Hughes .. 262 93	G. Woodburne.. 892 80		
	M. Hughes 25 93	T. Woodburne.. 592 50		
	J. J. Humphrey 718 00	W. E. Worrall.. 756 00		
	G. G. Hurley .. 27 30	J. A. Young ... 752 30		
	J. Hutchinson .. 44 70	R. E. Young .. 399 33	37,153 67	
	Baker	S. F. Hambley	935 00	
	Barber	J. W. Willows	935 00	
	Carpenter	R. Gow	995 00	
	Chaplains:			
	Diocese of N.W., C.E..... 249 96	Father Beck, R.C. 249 96	499 92	
	Civil Engineer	S. B. Martin	1,200 00	
	Cooks:			
	J. B. Foster .. 1,200 00	A. H. Price 900 00		
	A. J. Kerr .. 875 00	.....	2,975 00	
	Dentist	F. P. Smith	480 00	
	Dining-room Orderlies:			
	W. G. Armour.. 912 50	W. Headridge .. 550 35	1,462 85	
	Electrician	T. Mowbray	1,200 00	
	Engineers:			
	R. Graham ... 1,170 00	J. L. Malcolm 1,800 00	2,970 00	
	Firemen:			
	D. Hughes 670 00	E. J. McIntyre 1,140 00		
	G. W. Mouldy.. 100 64	W. C. Saunders 440 00	2,350 64	
	Grounds Overseer	E. B. Stinchcombe	1,200 00	
	Laundryman	J. Hargie	1,055 00	
	Mason and Builder	E. Fitzgerald	1,200 00	
	Mechanic	W. L. Kerswell.....	935 00	
	Night Chief	T. Theroux	1,004 00	
	Painters and Decorators:			
	A. Campbell ... 121 43	A. A. Killen .. 364 50	485 93	
	Phone Operator and P.M....	E. Roselli	970 00	
	Physicians:			
	T. D. McAllister 720 00	W. D. McKay .. 408 38	1,128 38	
	Plumbers:			
	E. Huffnell 715 00	A. G. Parrott.. 340 00	1,055 00	
	Steward	J. B. Pumphery.....	1,055 00	
	Supervisors:			
	M. Doyle 1,030 00	G. Mathewson 1,295 00	2,325 00	
	Truckman	W. T. Skinner	378 38	
			$ 76,450 93	
	Expenses ($148,328.50):			
	Office Supplies, etc.:			
	American Health Association, $8; American Medical Association, $13; B.C. Telephone Co., $940.19; W. R. Burr & Co., $22.45; Burroughs Add. Machine Co., $4; Bursar, $107.25; C.P.R. Tel. Co., $55.89; Clarke & Stuart Co., $31.05; Columbian Co., $24; Dominion Express Co., $3.50;			
	Carried forward	$ 76,450 93	$162,524 79	$ 121,179 26

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF THE PROVINCIAL SECRETARY—*Continued.*			
	MENTAL HOSPITALS—*Continued.*			
162.	ESSONDALE—*Continued.*			
	Brought forward	$ 76,450 93	$162,524 79	$ 121,179 26
	Expenses—*Continued.*			
	Office Supplies, etc.—*Concluded.*			
	Dominion Govt. Tel. Co., $1.40; Fair, The, 60c.; G.N.W. Tel. Co., $14.47; Heaton's Annual, $1.65; G. H. Hewitt Co., Ltd., $7.81; J. Hopkins Press, $5.25; Hospital World, $6; Imperial Guarantee & Accident Insurance Co., $4; King's Printer, $572.89; Lea & Febiger, $12.75; London Guarantee Co., $12; Modern Hospital Pub. Co., $3; H. Morey & Co., $24.45; C. V. Mosby Co., $3.18; Nat. Com. for Ment. Hyg., $2; Oakalla Prison Farm, $50.76; Office Specialty Co., $54.33; postage, $105; Rockefeller Institute, $12; A. W. Shaw Co., $3.50; United Typewriter Co., $27.37; Vancouver Daily Province, $4; Vancouver Daily Sun, $5	2,142 74		
	Travelling Expenses: C. E. Doherty, M.D., $11; G. S. Macgowan, $66.30; J. G. McKay, M.D., $15; sundry employees, $353.64	445 94		
	Fuel, Light, and Water: Anderson & Lusby, $2.62; August John, $106.94; B.C. Elec. Rly. Co., $3,365.84; Canadian Westinghouse Co., $83.70; City of New Westminster, $4,344.84; Gilley Bros., $13.75; W. H. Hazlitt & Co., $179.20; J. Mayers, $18,709.30; G. Woodburne, $619.22	27,425 41		
	Maintenance and Repairs of Buildings, etc.: Albion Motor Express, $4.75; Anderson & Lusby, $1,002.17; Beaver Soap Co., $61.60; Bourret-Kirkwood Co., $3.50; B. & K. Milling Co., $12; J. Brand & Co., $50; B.C. Barbers' Supply Co., $31.70; B.C. Elec. Rly. Co., $7.45; B.C. Telephone Co., $8.63; J. Brooks W.W. Co., $266.75; B.C. Brush Works, $120.79; S. Brock, Ltd., $150.43; Brunette Saw Mill Co., $504.70; Bryson & Sons, $6.11; Bursar, $116.98; Can. Ammonia Co., $25; Can. Con. Rubber Co., $14; Can. Fairbanks-Morse Co., $2.45; Can. Gen. Elec. Co., $251.32; Can. Ice Machine Co., $67.80; Can. Pac. Rly. Co., $92.25; Can. Western Lumber Co., $3,018.93; Chapman's Motor Cartage, $10; Crane Co., Ltd., $258.87; Cunningham Hardware Co., $128.53; C. R. Darke, $158; F. Darling & Co., $203.20; De Laval Dairy Supply Co., $10.32; Dunlop Tire & Rubber Co., $28.68; Fleck Bros., $100.91; W. H. Forbes, $158; Galbraith & Sons (assignee), $29; Galt Stove & Furnace Co., $2.25; Gilley Bros., $607.74; Gurney Foundry Co., $27.04; Hargreaves, Ltd., $36.75; R. Hoffmeister, $19.73; Hygiene Products, Ltd., $15; Hyslop Hardware Co., $70.08; James & McClughan, $751.94; R. W. Janes, $31.50; Johns-Manville Co., $28.08; Johnston's Shoe House, $36.75; C. H. Jones & Son, $10; Jones Underfeed Stoker Co., $147.42; Merchants, Ltd., $6.25; A. Milligan, 30c.; C. Moulton, $169.22; McLennan, McFeely Co., $313.97; New West. Foundry Co., $37.50; Northern Elec. Co., $122.85; W. J. Pendray & Sons, $143.20; Public Works Dept. (labour), $17.50; A. Ramsay & Sons, $558.39; Reliable Furniture Co., $544.89;			
	Carried forward	$106,465 02	$162,524 79	$ 121,179 26

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF THE PROVINCIAL SECRETARY—*Continued.*			
	MENTAL HOSPITALS—*Continued.*			
162.	ESSONDALE—*Continued.*			
	Brought forward	$106,465 02	$162,524 79	$ 121,179 26
	Expenses—*Continued.*			
	Maintenance and Repairs of Buildings, etc.—*Concluded.*			
	Reliable Transfer Co., $99.45; H. Ryall, $2.50; Simson, Balkwill & Co., 43c.; J. Sinclair, $7.50; Small & Bucklin, $39.24; J. F. Smith Co., $42; C. C. Snowdon, $3.90; Spring & Sibley, $2,039.05; Staneland Co., $379.50; M. B. Steele, $8; Taylor-Forbes Co., $317.39; Toronto Laundry Machine Co., $41.39; T. J. Trapp & Co., $526.75; Vancouver Engineering Works, $177.55; Vancouver Machinery Depot, $35; Webb & Gifford, $28.85; C. A. Welsh, Ltd., $1,200.55; West Disinfecting Co., $87.75; Westminster Iron Works, $286.87; Westminster Motor Express, 75c.; W. Whitelaw, $158; A. R. Williams Machinery Co., $117.29	16,202 88		
	Furniture and Fixtures: Albion Motor Express, $1; Anderson & Lusby, $350.43; Braun-Knecht-Heimann Co., $16.46; B.C. Barbers' Supply Co., $2.33; J. Brooks Woodworking Co., $4.95; Bursar, The, $4.71; Can. Con. Rubber Co., $64.50; Can. Pac. Rly. Co., $49.87; Cassidy's, Ltd., $826.42; Drake Hardware Co., $91.35; Fair, The, $1.25; N. Fletcher, $7.50; Hudson's Bay Co., $60; Invalid Soldiers Commission Industries, $799.19; McLennan, McFeely & Co., $11.91; Northern Electric Co., Ltd., $3.94; Office Specialty Mfg. Co., $199.40; Ralph, Morris & Ella, $39.75; Reliable Furniture Co., $711.85; Reliable Transfer Co., $15.95; T. H. Smith Co., $5,880.39; Spring & Sibley, $23.92; T. J. Trapp Co., $98.44..	9,265 51		
	Provisions: B. & K. Milling Co., $5,536.45; B.C. Elec. Rly. Co., 42c.; P. Burns & Co., $13,236.40; Bursar, The, $32.86; Fraser Valley Milk Association, $318.24; Hedley-Shaw Milling Co., $2,631.65; Kelly Confection Co., $37.26; Kelly, Douglas & Co., $1.93; M. Monk & Co., $3,651.20; Patton & Co., $121.80; H. Ryall, $13.60; Swift Canadian Co., $279.55; Vancouver Milling & Grain Co., $5,458; V.-P.R. Meat Co., $4,359.75; C. A. Welsh, Ltd., $34,083.99	69,763 10		
	Uniforms and Clothing: Blatchford, Davies & Co., $452.25; Bursar, The, $14.46; Damer, Lumsden Co., $53.40; Gault Bros., Ltd., $873.37; Johnston's Shoe House, $1,018.75; J. Leckie Co., $119.80; Oxford Mfg. Co., $958.32; Reid & McDonald, $9,093.84; T. H. Smith Co., $249.15; Storey & Campbell, $451.74	13,285 08		
	Medical and Surgical Supplies: Albion Motor Express, $3.25; Blue Funnel Motor Line, 25c.; Braun-Knecht-Heimann Co., $1.90; B.C. Govt. Liquor Store (Vancouver), $65.50; Bursar, The, $2.35; D. E. Campbell, $8.17; Chandler & Fisher, $380.71; D. S. Curtis & Co., $21.50; C. E. Frosst & Co., $84.22; H.M. Customs, $1.20; Hygiene Products, Ltd., $15.75; C. D. King, $7.50; W. W. Lloyd, $149.60; Reid Bros., $208.82; H. Ryall, $254; G. R. Speck, 60c.; B. C. Stevens Co.,			
	Carried forward	$214,981 59	$162,524 79	$ 121,179 26

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF THE PROVINCIAL SECRETARY—*Continued.*			
162.	ESSONDALE—*Concluded.*			
	MENTAL HOSPITALS—*Continued.*			
	Brought forward	$214,981 59	$162,524 79	$ 121,179 26
	Expenses—*Concluded.*			
	Medical and Surgical Supplies—*Concluded.*			
	$124.35; Temple-Pattison Co., $27.75; C. A. Welsh, Ltd., $16.50	1,373 92		
	Examinations, Committals, and Transportation:			
	I. Arthur, M.D., $15; J. Boardman, $62.65; J. N. Brown, $17.60; Bursar, The, $20.44; Can. Pac. Rly. Co., $90.10; P. Carr, $24.95; F. Clarkson, $3; S. Cline, $3; G. E. Darby, $5; Magistrate Edmonds, $2.50; J. A. Fraser, $57.65; W. H. Hadley, $57.50; M. Hamilton, $66.65; J. Hevenor, $77.50; W. T. Hoyes, M.D., $5; H. Hughes, $185.95; Invermere Con. Co., $3; W. R. Jarvis, $74.65; W. R. Jaynes, $25; R. F. Mills, $13.70; E. H. McEwen, M.D., $30; J. G. McKay, M.D., $15; B. McLellan, $84.05; N. Peterson, $34.10; E. J. Rothwell, $10; J. Russell, $12; R. W. Scott, $5; F. Smith, $1.50; M. J. Vigneux, M.D., $5; M. S. Wade, M.D., $5; W. H. Wood, M.D., $5	1,017 49		
	Incidentals and Unforeseen:			
	Albion Motor Express, $6.25; Anderson & Lusby, $336.36; Begg Motor Co., $45.30; Belyea & Co., $64.11; S. Bowell Co., $265; B. & K. Milling Co., $1,036.65; B.C. Barbers' Supply Co., $47.98; B.C. Elec. Rly. Co., 35c.; S. Brock, Ltd., $443.25; Bryson & Son, $9; Bursar, The, $161.63; B. Butler, $68.95; Can. Con. Rubber Co., $439.88; Can. Film Service, $15.35; Can. Pac. Rly. Co., $5; City of New Westminster, $20; R. H. Cliburn, $85.80; Columbian Co., $19.20; Cunningham Hardware Co., $13.30; De Laval Dairy Supply, $4.70; Dominion Express Co., $6.75; Fair, The, $27.63; W. E. Fales, $450; S. A. Fennell, $5; H. Fitzgibbon, $10; T. Gifford, $11.75; Gilley Bros., $27.50; Goodyear Tire & Rubber Co., $209.70; G.N. Express Co., $86.25; J. Hargreaves, $56; Harron Bros., $15; Haskins & Elliott, $4.40; Hill, Ltd., $27.45; Hyslop Hardware Co., $6.50; Imperial Oil Co., $751.98; W. R. Jaynes, $2; H. W. Johns-Manville Co., $1.28; C. D. King, $2.50; Lemon, Gonnason Co., $6.79; F. J. Lynch, $45; G. Muller, $5; D. Murchie & Son, $108; McAllister Spring Co., $72.75; D. J. McColl, $5; McCall Bros., $35.25; E. H. McEwen, M.D., $8; J. G. McKay, M.D., $741; A. G. Parrot, $40; Pioneer Auto Works, $4.50; A. Ramsay & Son, $16.40; Reliable Transfer Co., $13.19; Royal Columbian Hospital, $220; E. Rushton, $200; H. Ryall, $13.60; Shell Co., $361.60; H. D. Simmonds, $150; Simson, Balkwill & Co., $1.23; C. C. Snowdon, $147.21; G. R. Speck, $12; Temple-Pattison Co., $8.51; J. H. Todd, 30c.; T. J. Trapp & Co., $195.30; United Typewriter Co., $4.20; Vancouver Daily Province, $7.95; Vancouver Daily Sun, $51.30; C. A. Welsh, Ltd., $31.60; Westminster Brewery, $111	7,406 43		
		$224,779 43		
	By board and lodging supplied to Colony Farm employees	7,991 80		
	Total expenditure, Mental Hospital, Essondale		216,787 63	
	Carried forward		$379,312 42	$ 121,179 26

No. of Vote.	Service.		Expended.
	DEPARTMENT OF THE PROVINCIAL SECRETARY—*Continued.*		
	Mental Hospitals—*Continued.*		
	Brought forward	$379,312 42	$ 121,179 26
163.	Colony Farm and Nursery.		
	Salaries ($18,012.80):		
	Farm Superintendent ..... P. H. Moore .. $2,400 00		
	Clerk ..... J. F. Simmonds 960 00	$ 3,360 00	
	Blacksmith ..... J. Murdock	160 89	
	Cowmen:		
	H. C. Biles .... $ 18 65 E. N. McInnes .. 19 19		
	A. Brown ..... 264 52 W. Porteous ... 182 90		
	J. Camsusa ... 635 00 W. Rose 371 77		
	E. Corfield ..... 178 14 C. Ruckle 434 33		
	J. C. Cowan .. 76 78 J. S. Stroyan .. 575 00		
	W. Crawley ... 200 00 G. E. Woods .. 138 70		
	C. C. Evans ... 172 58 E. Yorston 382 58		
	C. de Jong 188 70	3,838 84	
	Dairyman ..... F. Brooks	326 00	
	Ditcher ..... J. McArthur	635 00	
	Engineer ..... W. C. Robertson	960 00	
	Farm-hand ..... W. J. Booth	130 00	
	Foreman ..... R. Gardner	940 00	
	Herdsman ..... H. Dorling	1,200 00	
	Nurserymen:		
	J. Renton .... $995 00 J. van Meel ... 875 00		
	E. J. C. Shaw .. 900 00	2,770 00	
	Poultryman ..... J. Hollins	935 00	
	Stable-boss ..... A. Webster	755 00	
	Teamsters:		
	R. R. Creber .. 210 33 J. Laumeister .. 277 14		
	A. Duguid .... 12 90 S. Tucker 563 00		
	G. Fournier .... 275 00 W. Watson 80 30		
	D. H. Francis .. 570 50 J. Yule 12 90	2,002 07	
		$ 18,012 80	
	Expenses ($44,388.45):		
	Office Supplies, etc.:		
	B.C. Tel. Co., $142.86; Burr Office Supplies & Blue Printing Co., $19.45; Bursar, $72.11; Canadian Farm, $1; C.P. Rly. Co., $17.34; G.N.W. Tel. Co., $22.48; Columbian Co., Ltd., $66; Cramer & Co., Ltd., $2; Dominion Express Co., $3.35; G.N. Express Co., 33c.; King's Printer, $40.20; postage, $40.02; A. W. Shaw & Co., $2.50	429 64	
	Travelling Expenses:		
	P. H. Moore, $852.16; sundry employees, $101.50..	953 66	
	Fuel, Light, and Water:		
	B.C.E. Rly. Co., Ltd., $1,240.40; Corporation of New Westminster, $75.46; Moulton Bros., 70c.....	1,316 56	
	Maintenance and Repairs:		
	Albion Motor Express, 75c.; Anderson & Lusby, $339.55; J. Brand Co., $9.90; B.C. Assay & Chemical Supply Co., $9.55; B.C.E. Rly. Co., Ltd., $26.97; Brunette Saw Mill Co., Ltd., $1,471.62; B.C. Brush Works, Ltd., $126.69; Bursar, $1.06; Canadian Ammonia Co., Ltd., $43; Canadian Fairbanks-Morse Co., Ltd., $60.67; Canadian General Electric Co., Ltd., $181.06; Canadian Western Lumber Co., Ltd., $372.96; R. S. Crabb, $38.25; Cunningham Hardware Co., $182.66; F. Darling & Co., $27.14; Dunlop Tire and Rubber Goods Co., $42.89; Fraser River Pile Driving Co., Ltd., $15; Galbraith & Sons (assignees), $90.80; Gilley Bros., Ltd., $22.80; S. P. Grant, $30.80; R. Hoffmeister,		
	Carried forward	$ 20,712 66	$379,312 42 $ 121,179 26

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF THE PROVINCIAL SECRETARY—*Continued.*			
	MENTAL HOSPITALS—*Continued.*			
163.	COLONY FARM AND NURSERY—*Continued.*			
	Brought forward	$ 20,712 66	$379,312 42	$ 121,179 26
	Expenses—*Continued.*			
	Maintenance and Repairs—*Concluded.*			
	$79.71; C. Holmes, $102.55; Hyslop Hardware Co., $585.90; Mannering & MacKenzie, $1; C. Moulton, $17.85; Northern Elec. Co., Ltd., $55.43; T. Owens, $8; W. J. Pendray & Sons, Ltd., $22.05; J. W. Pike, $525; Public Works Dept., $2.75; A. Ramsay & Son Co., $74.58; Reliable Transfer Co., $2.45; T. H. Smith Co., Ltd., $12.90; T. J. Trapp & Co., Ltd., $99.96; Vancouver Machinery Depot, Ltd., $1,129.45; Webb & Gifford, $149; C. A. Welsh, Ltd., $32.10; West Disinfecting Co., $50; Westminster Iron Works, $102.12; Western Power Co. of Canada, $3; J. B. Wilson, $147.07; Dr. J. K. Wilson, $67; Yorkshire Insurance Co., $190.14....	6,554 13		
	Provisions, etc.:			
	L. J. Dennis, $8.75; Mental Hospital, Essondale, board and lodging for employees, $7,991.80	8,000 55		
	Feed for Stock:			
	B. & K. Milling Co., Ltd., $7,482.90; B.C.E. Rly. Co., Ltd., 95c.; H. Burr, $143.50; G. Dennis, $339.30; Fraser River Pile Driving Co., Ltd., $197; Grain-growers' B.C. Agency, Ltd., $3,143.08; W. A. Hodgins, $34; Kelly Confection Co., Ltd., $21.61; J. McKenzie, $87.45; A. D. Paterson, $107.88; Ramsay Bros. & Co., Ltd., $49.05; Swift Canadian Co., Ltd., $55; Vancouver Exhibition Association, $8; Vancouver Milling & Grain Co., Ltd., $402; Westminster Brewery, Ltd., $180	12,251 72		
	Seed and Fertilizer:			
	Bankhead Orchard Co., Ltd., $45; B. & K. Milling Co., $2,625.25; J. Brand & Co., $198.65; Chilliwack Producers' Exchange, $26; C. P. Coles, Ltd., $45; Dominion Experimental Farm, $39.48; Grain-growers' B.C. Agency, Ltd., $56.44; Oregon State Hospital, $11.70; W. Rennie & Co., $27.57; H. Ryall, $10.05; J. M. Steves, $176.50; V.-P.R. Meat Co., Ltd., $40	3,301 64		
	Testing Cows:			
	Bursar, The, $3.70; C.P. Rly. Co., $3.20; De Laval Dairy Supply Co., Ltd., $13.97; A. Lewarne, $590; L. L. Plumsteel, $227.50; H. Ryall, $5; J. F. Simmonds, $10; H. B. Valentine, $57.50; Victoria Chemical Co., Ltd., $40.40; E. G. Wozencroft, $37.50	988 77		
	Incidentals and Unforeseen:			
	Albion Motor Express, 75c.; American Can Co., Ltd., $9.06; Anderson & Lusby, $95.05; Belyea & Co., Ltd., $100; B. & K. Milling Co., Ltd., $1.50; J. Brand Co., $8.75; B.C. Brush Works, Ltd., $17.81; B.C.E. Rly. Co., Ltd., $11.14; B.C. Farmer, $61.40; J. Brookes Woodworking Co., Ltd., $90; Bursar, The, $76.62; Canadian Bank of Commerce, $3,421.86; C.P. Rly. Co., $19.75; Canadian Photo Co., $85.05; Chandler & Fisher, Ltd., $21.82; G. Cunningham, $6.50; Cunningham Hardware Co., $20.45; D. S. Curtis & Co., $5; Dairy Machinery Co., Ltd., $3.50; S. J. Davison, $67; De Laval Dairy Supply Co., $294.84; Dominion Express Co.,			
	Carried forward	$ 51,809 47	$379,312 42	$ 121,179 26

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF THE PROVINCIAL SECRETARY—*Continued.*			
	Mental Hospitals—*Concluded.*			
163.	Colony Farm and Nursery—*Concluded.*			
	Brought forward	$ 51,809 47	$379,312 42	$ 121,179 26
	Expenses—*Concluded.*			
	Incidentals and Unforeseen—*Concluded.*			
	$49.22; R. Erskine, $354.45; Gilley Bros., $5.25; G.N. Express Co., $147.21; G.N. Rly., $124.06; W. Hall, $8; Hyslop Hardware Co., $425.75; Imperial Varnish & Col. Co., Ltd., $5.60; T. H. Jagger, V.S., B.V.Sc., $959.35; Johnston's Big Shoe House, Ltd., $1.50; A. Sewarne, $90; Mainland Navigation Co., Ltd., $57; P. H. Moore, $12.55; A. N. McIntosh, Ltd., $45; H. W. McKinnon, $175.25; S. Ransom, V.D., $43; Reliable Furniture Co., $13.80; W. C. Robertson, $105; postage, $6.12; Royal Columbian Hospital, $104.50; H. Ryall, $61; Shannon Bros., $125; J. Fyfe Smith & Co., Ltd., $6.67; T. H. Smith & Co., $4.75; C. C. Snowdon Mfg. Co., $3.40; B. C. Stevens Co., Ltd., $5.08; Storey & Campbell, $178.95; Swift Canadian Co., Ltd., $32; T. J. Trapp & Co., Ltd., $616.41; E. C. Treen, $17; C. A. Welsh, Ltd., $13.35; W. L. Williams, $350	8,564 07		
	Special Warrant No. 16.			
	Re Purchase of 386.48 Acres of Lots 168, 169, and 343, Group 1, N.W.D.: Confederated Life Association, $689.92; J. B. & S. A. Wilson, $831.65	1,521 57		
	Grant to Municipality of Port Coquitlam in lieu of the Loan Rate on 386.48 Acres of Lots 168, 169, and 343, Group 1, N.W.D., for Year 1918: City of Port Coquitlam	506 14		
	Total expenditure, Colony Farm and Nursery		62,401 25	
	Total expenditure, Mental Hospitals			441,713 67
164.	Provincial Home, Kamloops.			
	Salaries ($8,825.87):			
	Superintendent ..... H. McLean $1,080 00			
	Matron ..... M. McLean 720 00		$ 1,800 00	
	Cooks:			
	R. McLean ..... $ 5 33 A. Tenlen 480 00			
	J. Phillips ..... 900 00 C. Triggs 131 27		1,516 60	
	Engineers:			
	G. Bradley ..... 900 00 W. G. McKenzie 390 00		1,290 00	
	Farmer ..... T. Jarvis		636 00	
	Medical Attendants:			
	Irving & Murphy ..... 239 56 J. S. Burris 52 10		291 66	
	Nurses:			
	M. Ardell ..... 840 00 R. McEachern 31 61		871 61	
	Orderlies:			
	A. Hannis ..... 840 00 J. McDiarmid 780 00		1,620 00	
	Watchman ..... F. Bristow		800 00	
			$ 8,825 87	
	Expenses ($24,193.66):			
	Office Supplies, etc.:			
	B.C. Tel. Co., Ltd., $44; C.P.R. Tel. Co., 72c.; Dominion Express Co., $3; King's Printer, $94.30; London Guarantee & Accident Assurance Co., $2; postage, $36		180 02	
	Carried forward		$ 9,005 89	$ 562,892 93

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No. of Vote.	SERVICE.	Expended.	
	DEPARTMENT OF THE PROVINCIAL SECRETARY—*Continued.*		
164.	PROVINCIAL HOME, KAMLOOPS—*Concluded.*		
	Brought forward	$ 9,005 89	$ 562,892 93
	Expenses—*Concluded.*		
	Furniture and Fixtures: City of Kamloops, $23.07; N. S. Dalgleish, $122.95; J. L. Gordon, $143.25; Marlatt & Mackenzie, $63.20; McKinnon Heating and Plumbing Co., Ltd., $7.35	359 82	
	Fuel, Light, and Water: City of Kamloops, $644.40; R. H. Lund, $491.36; Northern Transfer Co., $5,673.79; Water Recorder, $4	6,813 55	
	Maintenance and Repairs of Buildings, etc.: W. Carter, $40; Corporation of City of Kamloops, $25; N. S. Dalgleish, $330.13; W. J. Ellis & Co., $3; R. Gleave, $110; Johnston & Co., Ltd., $13.75; MacBeth & Miller, $48.06; Marlatt & Mackenzie, $41.01; Marsh Bros., $1.80; McKinnon Heating and Plumbing Co., Ltd., $164.85; Sanitary Equipment and Supplies, Ltd., $69.50; C. L. Wain, $14.10; Wilson Grocery Co., $45.16; Wyse & Harmon, $12	918 36	
	Provisions, etc.: H. H. S. George, $1; Model Bakery Co., $2,578.36; Owens Meat Market, $3,335.54; Wilson Grocery Co., $6,826.54	12,741 44	
	Clothing, etc.: Arduini Bros., $91.05; Dominion Express Co., $1.25; N. E. Dwyer, $3.26; Oakalla Prison Farm, $292.50; Summers & Frost, $1,510.31	1,898 37	
	Medical and Surgical Supplies: J. H. Clements, $412.29; W. J. Kerr, $3.85; A. Lundberg Co., $85	501 14	
	Transportation of Inmates: G. Bell, $13.75; J. Callander, $14.70; C.P.R. Co., $36; P. Carr, $6.25; City Hotel, $3.50; S. Cline, $2; R. Cunningham & Son, $7; W. R. Dewdney, $22.05; T. M. Forknall, $13.15; Government Agent, Prince Rupert, $34.65; G.T.P. Rly. Co., $27.40; Inland Express Co., Ltd., $54.50; S. Lee, $14.85; J. Macdonald, $17.30; H. D. Mainwaring, $11.65; R. G. Moseley, $5; J. McCannell & Son, $4; H. McLean, $35; Nelson Transfer Co., $1; Omineca Hotel, $3.25; R. Rushford, $5.60	332 60	
	Feed for Live Stock: J. R. Colley, $155.63; R. H. Lund, $44.40; J. Milton, $28.68; Northern Transfer Co., $10	238 71	
	Incidentals and Unforeseen: N. Dwyer, $5.71; J. L. Gordon, $132; Kamloops Gaol (labour), $66.44; J. D. Paxton, $5.50	209 65	
	Total expenditure, Provincial Home, Kamloops		33,019 53
	GRANTS TO HOSPITALS AND CHARITIES.		
165.	STATUTORY GRANTS TO HOSPITALS.		
	Alert Bay (St. George's), $1,344.40; Anyox, $7,121.56; Armstrong Nursing Home, $589; Ashcroft (Lady Minto), $1,441.33; Atlin (St. Andrew's), $1,023.22; Barkerville (Royal Cariboo), $2,000; Bella Bella, $1,091.81; Bella Coola, $21; Campbell River, $1,520.80; Chase, $1,487.20; Chemainus, $1,294.70; Chilcotin, $93; Chilliwack, $3,360.33; Comox (St. Joseph's), $3,329.91; Cranbrook (St. Eugene), $9,265.06; Cumberland, $3,939; Duncan (King's Daughters), $3,011.61; Enderby, $463; Fernie, $4,796.15; Fort George, $1,362; Ganges (Lady Minto), $735; Golden, $1,637.74; Grand Forks, $3,802.24; Greenwood (Sacred Heart), $478.84; Hazelton, $4,238.50; Hedley, $1,377.73; Invermere (Windermere		
	Carried forward		$ 595,912 46

No. of Vote.	SERVICE.		Expended.
	DEPARTMENT OF THE PROVINCIAL SECRETARY—*Continued.*		
	GRANTS TO HOSPITALS AND CHARITIES—*Continued.*		
165.	STATUTORY GRANTS TO HOSPITALS—*Concluded.*		
	Brought forward		$ 595,912 46
	District), $798; Kamloops (Royal Inland), $20,446.83; Kaslo (Victoria), $1,133.60; Kelowna, $2,930.61; Ladysmith, $3,186.85; Lillooet District, $740.54; Lytton (St. Bartholomew), $1,233.30; Lytton (Shulus), $248; Merritt (Nicola Valley), $2,952.76; Michel, $1,100.80; Nakusp, $529; Nanaimo, $6,826.38; Nelson (Kootenay Lake), $6,962.83; New Denver (Slocan), $1,326.20; New Westminster (Royal Columbian), $33,075.60; North Vancouver, $3,815.50; Penticton, $2,213.75; Phoenix, $1,152.60; Port Alberni, W. Coast, $1,975.10; Port Essington, $278.70; Port Simpson, $1,351; Powell River (St. Luke's), $2,481.02; Prince Rupert, $9,929.75; Princeton, $2,287.60; Quesnel, $184; Revelstoke, $5,856.36; Rock Bay (St. Michael's), $2,554.35; Rossland (Mater Misercordiae), $3,578.38; Salmon Arm, $1,531.30; Sandon (Miners' Union), $2,272.20; Silverton, $1,104.30; Summerland, $1,494.90; Telegraph Creek, $66; Trail, $3,326.85; Tranquille (King Edward Sanatm.), $45,658; Vancouver (General), $167,688.68; Vancouver (St. Paul's), $1,834; Vananda (Columbia), $500; Vernon (Jubilee), $11,435.72; Victoria (Royal Provincial Jubilee), $25,589.73; Ymir, $3,882.50	$448,358 72	
	Total expenditure, Statutory Grants to Hospitals		$448,358 72
166.	SPECIAL GRANTS TO HOSPITALS.		
	Atlin (St. Andrew's), $1,000; Campbell River, $750; Cranbrook (St. Eugene), $750; Cumberland (General), $1,750; Golden (General), $2,500; Hedley (General), $500; Kaslo (Victorian), $750; Nelson (Kootenay Lake), $12,500; New Denver (Slocan), $200; Prince George Hosp. Soc., $5,000; Prince Rupert (General), $1,000; Quesnel, $500; Sandon (Miners' Union), $300; Vancouver (Col. Coast Mission), $1,000; Vancouver (Emergency), $15,000; Victoria (Prov. Royal Jubilee), $1,500	$ 45,000 00	
	Total expenditure, Special Grants to Hospitals		45,000 00
167.	GRANTS TO REFUGE HOMES, AID SOCIETIES, ETC.		
	Nanaimo:		
	St. Ann's Convent	$ 700 00	
	New Westminster:		
	Providence Orphanage, $1,700; St. Mary's Hospital, $500; True Blue Orphanage, $800	3,000 00	
	Quamichan:		
	St. Ann's Boy's School	800 00	
	Vancouver:		
	Alexandra Orphanage, $1,700; Children's Aid Soc., $2,700; Mon. of Lady of Charity, $600; S.A. Maternity and Rescue Home, $600; Y.W.C.A., $500	6,100 00	
	Victoria:		
	St. Joseph's Hospital, $1,500; W.C.T.U., $1,700; Y.W.C.A., $300	3,500 00	
	Victorian Order of Nurses:		
	Vancouver, $250; Victoria, $250	500 00	
	Total expenditure, Grants to Refuge Homes, Aid Societies, etc.		14,600 00
	Carried forward	$507,958 72	$ 595,912 46

No. of Vote.	SERVICE.	Expended.

DEPARTMENT OF THE PROVINCIAL SECRETARY—*Continued.*

GRANTS TO HOSPITALS AND CHARITIES—*Continued.*

Brought forward ..... $507,958 72 $ 595,912 46

168. IN AID OF DESTITUTE POOR AND SICK.

G. H. Adam, $5; N. Allin, M.D., $135; C. H. Allison, $1.30; E. Anderson, $50; H. Ballard, $37.50; Barnstead & Gates, $30; Beattie-Murphy Co., $1.85; Beattie-Noble Co., $2.10; A. Bello, $40; W. Bellos, $16; N. Benstrom, $6; J. A. Bertois, $64.56; J. L. Bissett, $10; E. W. Boak, M.D., $25; R. W. Bowen, $11.95; Bridge Creek Ranch, $107.80; B.C. Protestant Orphans Home, $122; G. A. Broughton, $19; C. E. Brown, $12; Mr. and Mrs. Brown, $252; Burdick Bros. & Brett, $92; F. A. Burns, $420; Burns & Co., Ltd., $42.95; W. Buse, $48; E. Butterfield, $30; W. S. Cameron, $240; Cameron & Calwell, $5; A. Campbell, $120; Campbell Bros., $12.70; C.P.R. Co., $79.65; A. G. Carlson, $27.40; P. Carosella, $74.95; P. Carr, $3.30; Carr's Garage, $14; R. Carstairs, $30; — Carter, $195; City of Fernie, $111.25; City of Grand Forks, $58.10; City of Revelstoke, $3.50; City Taxi Cab Co., $2.50; City Transfer Co., $3.75; W. Collingford, $180; Columbia River Lumber Co., $15; Convent of the Good Shepherd, $192; W. Cook, $144; D. Corless, $15; F. H. Corson, $100; T. Cowdall, $45; Cranbrook Trading Co., $120; Crowsnest Pass Lumber Co., $389.33; Cruse & Co., $112.50; J. Cuming, $45; Darlington & Co., $40; A. Davis, $90; A. G. Deighton, $315.15; J. Dodd, $240; Dominion Government Telegraphs, $4.49; A. Dryden, $10.15; W. J. Dukes, $30; E. Kootenay Lumber Co., $70; W. Fielding, $50; C. M. Finch, $58; M. J. Finlayson & Co., $85.15; R. Fleming, $5; Fort George Drug Co., $47.28; J. Franzen, $92; A. G. Fraser, $245; J. A. Fraser & Co., Ltd., $74.75; B.C. Fuoco Co., $1; R. K. Futa, $84; F. Gallamore, $55; H. J. Gardner, $31.50; A. L. Gillis, $240; G.T.P. Rly. Co., $93.35; G. Grant, $87.10; M. E. Grimshaw, M.D., $172; G. Grinder, $82.13; Griswold & Billingsley, $12; K. Gustavson, $6; J. Haddock, $52.50; A. Haikalla, $360; A. C. Hamilton, $39.62; G. G. Hamilton, $60.45; W. Hamilton, $140; F. Harper, $633.81; J. D. Harrison, M.D., $50; W. Haydock, $360; R. Hazlehurst, $15; J. Hendricks, $40; A. Hobson, $143.85; P. Hodnett, $45; Home for A. and I. Women, $905; E. W. Hoole, $117.65; B. A. Hopkins, M.D., $15; S. N. Hopkins, M.D., $87; S. H. Hoskins, $22.30; Hudson's Bay Co., $176.35; N. Hunt, $45; W. M. Huston, $26.65; E. Hutcheson, $120; Irene Cottage Hospital, $36.50; Irving & Co., $40.85; M. Jefferson, $75; M. Jensen, $32; A. Johnson, $8; E. Johnston, $300; W. Jordon, $120; P. W. Jupp, $31.70; W. W. Kelly, $315; W. Kerr, $330; A. King, $80; T. Kirsch, $12; S. Klear, $60; J. S. Knarston, $116.75; Knox & Campbell, $5; W. H. Laird, $1.70; J. J. Lason, $49.50; D. B. Lazier, M.D., $12; J. Leask, $5; S. Lee, $11.10; Lee & Bryan, $102.70; S. Leiser & Co., $188.60; G. Little, $4.11; Little & Atcheson, $174; E. J. Lyon, M.D., $185; E. Madden, $6; J. F. Madore, $6; I. R. Manning, $15; J. Manning, $106; E. Margatisch, $180; M. Martin, $150; L. C. Masson, $42.30; F. M. Maundrell, $118.95; A. Mellor, $20; A. Moberg, $5.50; F. H. Mobley & Co., $32.70; M. Morris, $204; K. Morrison, $24; T. Mumford, $38.10; J. Munro, Ltd., $375.01; Munro Bros., $125.85; MacDonald Bros., $30.85; C. MacLean, $7; A. McCabe, $6; R. McCall, $66.05; S. J. McCartney, $60; M. J.

Carried forward ..... $507,958 72 $ 595,912 46

No. of Vote.	SERVICE.	Expended.		
	DEPARTMENT OF THE PROVINCIAL SECRETARY—*Continued.*			
	GRANTS TO HOSPITALS AND CHARITIES—*Continued.*			
168.	IN AID OF DESTITUTE POOR AND SICK—*Concluded.*			
	Brought forward		$507,958 72	$ 595,912 46
	McDonald, $23.73; H. McLaren, $6; J. A. McLean, $20; McLean's Drug Store, $1.25; McLeod & Hodgson, $95.20; S. McMahon, $55; W. McMurphy, $480; D. K. McPherson, $220; T. B. Nason, $27.10; A. Nelson, $1; J. H. Nelson, $8.25; Nelson Transfer Co., $1; Ormes, Ltd., $8.80; Owen's Market, $50.35; Palace Livery, $3; W. E. & M. Paul, $210; Paulson Bros., $203.42; E. Perkins, $120; S. Petersky, M.D., $47.20; Pidcock Bros., $9; F. Pinkham, $40; J. C. Pitts, $48.38; Pitts & Hankey, $63.40; Poole Drug Co., 65c.; M. Porter, $207.90; Pouce Coupe Trading Co., $36.40; S. C. Prior, $191.27; Quathiaski Canning Co., $18.80; Rawlinson & Glaholm, $192.80; J. Reid, $80; W. J. Reid, $31.20; G. A. Rendell, $25; Revelstoke Meat Market, $25.40; Ridley Home, $157.40; R. Richards, $24; R. G. Ritchie, $30.35; W. Rivers, $210; W. M. Robson, $180; D. R. Rolston, $14.55; A. Rosen, $40; M. C. Ross, $38.50; Royal Alex. Hospital, $72; Ruddy & MacKay, $65.45; Salmo Meat Market, $1.85; L. Schulz, $50; W. Shaw, $75; Shawnigan Lake Lbr. Co., $180; J. Shepherd, $45; B. Sloan, $330; Smith & Son, $81.95; S. A. Speers, $15; J. St. Denis, $12.25; J. Stevens, $180; J. Stokes, $7.50; E. Stout, $180; J. Strand, $1; Summers & Frost, $7.50; F. Syson, $61.48; J. Sutherland, $240; H. Taylor, $182.35; J. Taylor, $274.74; C. Throup, $204; A. Tierney, $180; Trites-Wood Co., $515.45; A. C. Vincent, $40; Waldo Merc. Co., $120; E. Walker, $420; W. H. Walker, $20; C. A. Warren, $11.65; J. de Wilde, $220; S. N. William & Co., $14; H. J. Wilson, $14.95; Wilson Grocery Co., $226.95; J. T. Wood, $14.90; W. H. Wood, M.D., $50; F. Young & Co., $3.25	$ 20,977 51		
	Total expenditure, In Aid of Destitute Poor and Sick		20,977 51	
169.	IN AID OF RESIDENT PHYSICIANS.			
	Alert Bay ..... Columbia Coast Mission	$ 500 00		
	Atli Inlet ..... W. Reinhard, M.D.	300 00		
	Atlin ..... J. F. Hogan, M.D.	333 35		
	Campbell River ..... W. F. Shaw, M.D. ...	175 00		
	Chase ..... W. P. Scatchard, M.D.	300 00		
	Chilcotin District ..... I. H. Wright, M.D. ...	300 00		
	Clayoquot Sound ..... D. S. Dixson, M.B. ...	300 00		
	Denman Island ..... H. Meadows, M.D.	300 00		
	Edgewood ..... J. E. H. Kelso, M.D. ...	200 00		
	Ganges ..... E. M. Sutherland, M.D.	600 00		
	Gibson's Landing ..... F. Inglis, M.D.	250 00		
	Kincolith ..... D. J. McDonald, M.D...	300 00		
	Masset ..... A. C. Nash, M.D.	53 75		
	Nakusp ..... E. H. S. McLean, M.D.	200 00		
	Parksville ..... L. T. Davis, M.D.	300 00		
	Port Simpson ..... R. W. Large, M.D. ...	300 00		
	Quatsino ..... O. O. Lyons, M.D.	125 00		
	Quesnel ..... G. R. Baker, M.D.	300 00		
	Rock Bay ..... Columbia Coast Mission	300 00		
	Smithers ..... J. P. McKie, M.D.	75 00		
	Telegraph Creek ..... E. Rice, M.D.	188 88		
	Terrace ..... I. L. Cairns, M.D.	75 00		
	Upper Skeena River ..... V. E. R. Ardagh, M.D.	300 00		
	Vananda ..... Columbia Coast Mission	500 00		
	Carried forward	$ 6,575 98	$528,936 23	$ 595,912 46

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF THE PROVINCIAL SECRETARY—*Continued.*			
	GRANTS TO HOSPITALS AND CHARITIES—*Concluded.*			
169.	IN AID OF RESIDENT PHYSICIANS—*Concluded.*			
	Brought forward	$ 6,575 98	$528,936 23	$ 595,912 46
	Vanderhoof ..... W. Ross Stone, M.D. ..	300 00		
	Windermere District ..... P. W. Turnor, M.D. ...	300 00		
	Total expenditure, In Aid of Resident Physicians		7,175 98	
170.	BURIAL OF INDIGENT PERSONS.			
	Bagot Bros., $2; A. Birnie, $28; R. P. Bradley, $20; Boeing & Brass, $93.75; City of Revelstoke, $18; J. DeShields, $25; R. H. Dwyer, $206; East Kootenay Lumber Co., $1.50; A. E. Farey, $3; G. Forrest, $50; D. M. French, $35; J. C. Gillies, $24; J. L. Gordon, $98; M. Gorman, $14.20; A. C. Hamilton, $23; C. Harrison, $25; W. Hayner, $100; J. Henderson, $267.50; G. Hendron, $80; L. A. Howson, $150; J. Heyland (estate), $31.35; D. J. Jenkins, $60; J. H. Jones, $56; I. Lehmann, $14.90; S. Marshall, $26; Milfer & Gardner, $25; D. Murchie & Son, $76.50; McAdie Undertaking Co., $120; W. F. McCarthy, $45; F. M. McPherson, $445; F. Pinkham, $25; Prince George Undertaking Co., $35; Quathiaski Canning Co., $4; Ruddy & McKay, $160.50; W. H. Sears, $15; Standard Furniture Co., $25; G. W. Taylor, $22.50; F. L. Thomson, $111.50; G. B. Thomson, $136; Valdes Island Burial Ground Co., $30; R. H. Whidden, $66; R. Willson, $14	$ 2,808 20		
	By cash	154 47		
	Total expenditure, Burial of Indigent Persons		2,653 73	
	Total expenditure, Grants to Hospitals and Charities			538,765 94
171.	KING'S PRINTER.			
	Salaries ($84,908.82):			
	King's Printer and Controller of Stationery ..... W. H. Cullin		$ 2,619 96	
	Chief Clerk ..... W. H. Richdale		1,980 00	
	Clerk ..... J. L. McCulloch		1,596 00	
	Accountant ..... P. G. Cudlip		1,320 00	
	Junior Clerk ..... T. J. Liddell		540 00	
	Storekeeper ..... W. A. Earle		61 00	
	Mail Clerk ..... C. Mallandaine		1,424 00	
	Packer ..... J. Andrew		1,020 00	
	Foreman, Composing-room ..... J. Pottinger		1,983 11	
	Assist. Foreman, Composing-room .. A. Rowland		1,749 30	
	Chief Linotype Operator ..... R. White		1,699 88	
	Linotype Operators:			
	T. A. Burgess ..... $1,600 50 B. E. Lefevre $1,600 50			
	N. Gilchrist ..... 1,600 50 G. H. Pottinger ... 1,590 50		6,392 00	
	Machinist ..... W. Melville		1,750 38	
	Job Printer ..... F. Partridge		1,615 50	
	Gazette Compositor ..... F. Shakespeare		1,615 50	
	Compositors:			
	W. W. Baines ..... 1,590 50 H. W. Curtis 1,565 50			
	D. T. Ballantyne .. 1,590 50 J. Hall 1,565 50			
	L. H. Borde ..... 1,565 50 A. E. Johnson 1,565 50		9,443 00	
	Proof-reader ..... T. J. Thompson		1,749 30	
	Assistant Proof-reader ..... G. Hood		1,588 00	
	Copy-holder ..... I. G. Carthew		975 30	
	Foreman, Press-room ..... W. H. Clark		1,912 50	
	Carried forward		$ 43,034 73	$1,134,678 40

No. of Vote.	SERVICE.	Expended.

DEPARTMENT OF THE PROVINCIAL SECRETARY—*Continued.*

171. KING'S PRINTER—*Continued.*

Brought forward ..... $ 43,034 73 $1,134,678 40

Salaries—*Concluded.*

Pressmen:				
F. Clyde	$1,502 81	H. Price	$1,411 81	
R. Malcolm	1,502 81	W. T. Scott	1,502 81	
G. Neill	1,530 31	J. Wilby	1,439 31	8,889 86
Press-feeder		P. Wales		1,080 00
Paper-stockman		R. P. Orchard		1,080 00
Folder and Stitcher		C. Tugwell		694 72
Foreman, Bindery		R. T. Williams		1,924 39
Finisher		C. E. Janes		1,419 90
Forwarders:				
H. S. Anderson	1,369 90	H. P. Hughes	1,369 90	
H. J. Cowherd	300 00	W. Laing	1,369 90	
I. Culross	1,369 90	J. Newberry	1,369 90	
E. Davison	593 30	W. J. W. Wilson	1,369 90	
A. W. Emerton	1,369 90			10,482 60
Stock-cutter		C. N. Webb		1,369 90
Forewoman		K. Merrill		900 00
Assistant Forewoman		E. E. Harte		780 00
Folders and Sewers:				
M. Dangerfield	669 72	M. Merrill	669 72	
M. Holmes	669 72	K. Pomeroy	669 72	
A. Knight	669 72	N. Turner	669 72	
L. Lawless	669 72			4,688 04
Temporary Assistance (including Overtime):				
W. W. Baines	$ 109 25	E. Miller	465 55	
D. T. Ballantyne	3 60	E. Moores	4 20	
L. H. Borde	22 65	G. Neill	51 32	
T. A. Burgess	51 70	G. Oates	432 58	
I. G. Carthew	18 90	G. H. Pottinger	101 30	
R. W. Clanton	335 00	J. Pottinger	182 50	
W. H. Clark	64 60	A. Richardson	669 72	
F. Clyde	2 55	A. Rowland	86 10	
E. P. Craft	1,369 90	J. Scott	16 75	
W. H. Cullin	100 00	W. T. Scott	21 25	
H. Curtis	54 07	F. Shakespeare	20 90	
M. Dangerfield	38 48	J. Shaw	4 20	
A. Edge	4 20	W. Shaw	880 00	
A. W. Emerton	2 20	O. G. Taylor	350 00	
N. Gilchrist	68 40	T. J. Thompson	62 10	
L. Henley	465 55	J. H. Tripp	479 00	
G. Hood	2 70	J. W. Waites	1 54	
W. W. Laing	75 24	R. White	102 00	
B. E. Lefevre	193 60	J. Wilby	3 60	
R. Malcolm	3 88	J. A. Wiley	1,369 90	
W. Melville	68 70	P. J. Woodley	205 00	8,564 68
				$ 84,908 82

Expenses ($59,619):

Office Supplies, etc.:

B.C. Telephone Co., Ltd., $237.28; C.P.R. Telegraphs, $4.75; Cramer & Co., $4; G.N.W. Telegraph Co., $6.23; Imperial Guarantee and Accident Insurance Co., $20; Inland Printer, $3.50; King's Printer, $423.31; postage, $775.34; Public Works Department, $43; Reliable Transfer Co., $24; Victoria Steam Laundry, $35.48 ..... 1,576 89

Printing-paper, Material, and Incidentals:

R. Angus, $26.36; Ault & Wiborg Co., $15; R. W. Babbage, $80.46; Barber-Ellis, Ltd., $3,099.49; Barnhart Bros & Spindler, $216.31; H. W. Brintnall, $12; B.C. Brush Works, Ltd., $9.10; B.C. Electric Railway Co., $380.05; B.C. Govern-

Carried forward ..... $ 86,485 71 $1,134,678 40

No. of Vote.	SERVICE.	Expended.	
	DEPARTMENT OF THE PROVINCIAL SECRETARY—*Continued.*		
171.	KING'S PRINTER—*Continued.*		
	Brought forward	$ 86,485 71	$1,134,678 40
	Expenses—*Continued.*		
	Printing-paper, Material, and Incidentals—*Concluded.*		
	ment Liquor Store, $8; B.C. Hardware Co., Ltd., $2.40; B.C. Saddlery Co., $13.25; Brown Bros., Ltd., $1,075.53; Buntin, Gillies & Co., Ltd., $132.15; California Ink Co., $15.96; Can. Consolidated Rubber Co., $5.20; Can. Crocker-Wheeler Co., $85.50; Can. Linotype, Ltd., $255.72; Can. Metal Co., $91.75; C.P.R. Co., $29.29; Carey Elec. Co., $10.45; Carter Elec. Co., $10.65; Chicago Lino-Tabler Co., $40.19; Collector of Customs, $545.61; Colonist P. & P. Co., Ltd., $226.35; Columbia Paper Co., $5,627.33; Col. Printing Ink Co., $289.50; Copeland-Chatterson Co., $114.84; G. H. Cottrell, Ltd., $34.86; Cowan & Sons, Ltd., $957.96; T. R. Cusack, $125; W. V. Dawson, $587.17; Dexter Folder Co., $6.06; Dominion Mills Paper Co., $119.52; Dominion Carton & Printing Works, $1; Dominion Express Co., $124.44; Dominion Printing Ink Co., $15.25; Drake Hardware Co., $15.05; W. Duncan, $12; E. B. Eddy Co., Ltd., $5,678.36; H. Edwards, $1.50; E. & N. Rly. Co., $638.84; DuPont Fabrikoid Co., $112.25; Fleck Bros., Ltd., $30.63; W. S. Fraser & Co., Ltd., $4.79; W. J. Gage & Co., Ltd., $491.21; G. D. Graham, $51.26; G.T.P. S.S. Co., $8.26; G. N. Transfer Co., 35c.; Hafer Machine Co., $63.40; N. F. Hall & Co., $1,039.67; Hawkins & Hayward, $9.65; J. Heaney, $43.25; Hickok Mfg. Co., 80c.; Houghton & Evans, $42.78; Imperial Oil Co., Ltd., $20.50; Jameson, Rolfe & Willis, $26.05; J. Kelman, $3; Lane & Son, $55; Leigh & Sons, $13; Lemon, Gonnason & Co., $41.70; Lofts & Bosustow, $96.95; Mander Bros., $64.56; Marvin & Co., $42.67; Miehle Printing Press, $43.20; Miller & Richards, $536.62; Miller Saw-Trimmer Co., $13.92; Mitchell Bros., $240.05; Morrill Co., $5.75 Morrison & Co., $56.64; J. L. McCulloch, $2.60; A. McKeown, $4.10; McQuade & Sons, 75c.; McTavish Bros., $1; National Drug & Chemical Co., $1; Norris & Co., 25c.; Oxy Acetylene Welding, $4; Pacific Steamship Co., $1; Perfection Chute Spring Co., $1; Prior & Co., Ltd., $5.34; Public Works Department, $10; Reliable Transfer Co., $43.95; Rithet & Co., $3; Royal Ink Co., $31.50; Russell Reed Co., $30.20; Smith, Davidson & Wright, $5,944.78; D. Spencer, Ltd., 48c.; Staneland Co., Ltd., $47.80; E. M. Surplis, $12; Thomson Press Co., $98.15; Times P. & P. Co., Ltd., $398.94; J. Townsley, $2.90; Turner, Beeton & Co., $325.28; Victoria Gas Co., $386.02; Union Meat Co., $41.10; Victoria Steam Laundry, $3.43; Waites & Knapton, $9; Weiler Bros., $35.45; J. D. Williams, $5.25; A. & W. Wilson, $3.50; Windsor Grocery Co., $31.50	31,378 63	
	New Machinery:		
	Miehle Printing Press	187 00	
	Stationery:		
	Barber-Ellis, $2,708.54; B.C. Carbon Co., $24; B.C. Saddlery Co., $15; Brown Bros., Ltd., $1,194.88; Buntin, Gillies & Co., $75.50; Business Systems, Ltd., $55.36; Canadian Express Co., $17.48; Can. Cons. Rubber Co., $47.11; C.P.R. Co., $36.75; Carswell Co., Ltd., $9.40; Clarke & Stuart Co., $1,238.08; Collector of Customs, $72.31; Colonist P. & P. Co., $2.25; Columbia Paper Co., $2,889.49; Dennison Mfg. Co., $47.92; Dept. of Public Printing, Ottawa, $20.50; Dominion Express Co., $38.07; Dominion Rubber Systems, $65.14; Drake Hardware Co., $8; E. B. Eddy Co., Ltd., $259.14; Elec. Blue Print Co., $486.85; E. & N. Rly. Co., $22.39; Fraser & Co., Ltd., $33.10; Gage & Co., Ltd., $49.13; H. W. Goggin, $60; G.T.P. Rly. Co., $8.94; J. Heaney, $2.40; Heck & Co., $40; Hewitt & Co., Ltd., $175.20; Hibben & Co., $695.52; Houghton &		
	Carried forward	$118,051 34	$1,134,678 40

No. of Vote.	SERVICE.		Expended.
	DEPARTMENT OF THE PROVINCIAL SECRETARY—*Continued.*		
171.	KING'S PRINTER—*Concluded.*		
	Brought forward	$118,051 34	$1,134,678 40
	Expenses—*Concluded.*		
	Stationery—*Concluded.*		
	Evans, $3.50; J. A. Longfield, $50; Macey Office Equip. Co., $3,079.90; J. McCulloch, $3.50; H. P. McDowell, $361.10; National Drug & Chemical Co., $8; Office Specialty Mfg. Co., $257.50; Progress Pub. Co., $4; Reliable Transfer Co., $95.05; Remington Typewriter Co., $480.10; Scarborough Co., $4.50; Smith, Davidson & Wright, $2,944.51; D. Spencer, Ltd., $1.20; Stolzenberg P. File Co., $208.86; Sweeney-McConnell, Ltd., $726.85; Turner, Beeton & Co., Ltd., $63; U. Typewriter Co., Ltd., $4,838.66; Vic. Book & Stationery Co., Ltd., $1,947.45; Vic. Furniture Co., Ltd., $3; Victory Loan, 1918, Committee, $14; Weiler Bros., Ltd., $1.80; Wrigley's B.C. Directory, $1,000	26,494 93	
		$144,546 27	
	By cash	18 45	
	Total expenditure, King's Printer		144,527 82
172.	REGISTRATION OF VOTERS.		
	O. Barton, $26.25; W. S. Beattie, $206.36; Dominion Express Co., 75c.; W. Dusterhoeft, $42.50; W. Graham, $279.50; N. Jones, $207.30; King's Printer, $523.94; B. Knowles, $4.92; F. E. Lawrence, $29.36; J. W. H. Littleboy, $20.21; A. C. Mabon, $225.80; A. E. V. McFarland, $20; E. McWilliam, $16.24; C. Phair, $250; E. F. Richardson, $20; I. E. Ross, $36; J. Scott, $226.69; J. Stewart, $141.36; I. I. Stewart-Moore, $20; W. Whiting, $160.20; C. E. E. White, $20.21; B. Wickens, Ltd., 45c.	$ 2,478 04	
	Total expenditure, Registration of Voters		2,478 04
173.	ROYAL COMMISSIONS.		
	Liquor Inquiry:		
	M. Desbrisay, $90; H. Lane, $68; P. J. MacKay, $475.95; C. J. Miller, $16.20; M. O. Norris, $8.25; Thiel Detective Service, $323.10	$ 981 50	
	Total expenditure, Royal Commissions		981 50
174.	GRANTS TO CIVIL SERVANTS AND EMPLOYEES ON MILITARY DUTY.		
	Premier's Office:		
	G. V. Buckett	$ 180 00	
	Department of Agriculture:		
	E. Casey, $200; G. L. Foulkes, $672; A. Rive, $300; W. H. Robertson, $420	1,497 00	
	Department of the Attorney-General:		
	A. Arden, $50; W. M. Baker, $184; A. R. D. Beatson, $640; R. A. Beavan, $660; G. Bell, $250; J. M. Burgoyne, $462; C. Campbell, $160; E. W. Clark, $596; H. B. Collier, $434; J. Cotter, $720; H. B. Dawley, $636; R. A. Eckersley, $792; V. C. Fawcett, $360; W. L. Fernie, $696; L. H. Fullagar, $315; J. H. Graham, $585; H. Grayston, $252; G. H. Greenwood, $100; W. A. R. Hadley, $360; J. Headdy, $250; R. N. Hemberow, $802; A. H. Hemming, $792; G. M. Hughey, $300; W. L. Hunt, $204; G. H. Jennings, $720; W. Jones, $540; H. G. R. Kirby, $360; C. J. Lewis, $35; G. Lodwick, $168; A. J. D. Love, $588; W. M. Macfarlane, $689; R. H. McBrady, $360; J. J. McConnell, $120; H. J. McDougall, $75; J. McGill, $726; H. C. McGuffie, $748; A. J. McIntosh, $600; R. Owens, $540; A. L. Poudrier, $270; R. Pritchard, $40;		
	Carried forward	$ 1,677 00	$1,282,665 76

No. of Vote.	SERVICE.		Expended.
	DEPARTMENT OF THE PROVINCIAL SECRETARY—*Continued.*		
174.	GRANTS TO CIVIL SERVANTS AND EMPLOYEES ON MILITARY DUTY—*Concluded.*		
	Brought forward	$ 1,677 00	$1,282,665 76
	Department of Attorney-General—*Concluded.*		
	B. G. Rennie, $90; R. B. Rippon, $314; A. L. Rodway, $792; G. B. Ryves, $931; B. Sands, $623; S. S. Saunders, $550; A. Smith, $130; J. M. Smith, $360; G. R. Stinson, $632; D. Thomas, $577; R. H. Wager, $720; P. D. Wilkinson, $240; C. E. Willis, $568	23,801 00	
	Department of Education:		
	J. Boyer, $500; H. Cocroft, $540; E. H. Murphy, $2,196; J. Spouse, $692; A. Sullivan, $1,980; B. G. Walker, $846; W. N. Winsby, $540	7,294 00	
	Department of Finance:		
	J. B. Acland, $432; S. Boond, $768; R. A. Burgoyne, $360; J. Cartmel, $1,452; J. Coleman, $252; W. C. Crebbin, $595; F. A. Eden, $184; W. Le Roy Fehner, $282; F. J. Fleury, $877; P. J. Foot, $240; E. Harrison, $726; W. W. Josephs, $677; W. H. Keatinge, $472; J. G. Simms, $792; J. A. Stewart $300; W. H. Wallace, $660; J. L. Ward, $180; W. R. Whitley, $720; A. H. Wyllie, $1,044	11,013 00	
	Department of Fisheries:		
	G. H. Miles	45 00	
	Department of Lands:		
	G. R. Ainsworth Ball, $720; W. Black, $684; N. P. Blandy, $250; A. Bennett, $1,056; P. S. Bonney, $458; E. Browne, $921; R. F. Child, $1,221; P. T. Dark, $864; J. Eddie, $150; C. Ferris, $60; J. G. Forrest, $492; P. T. Forrester, $175; E. E. Frost, $576; G. P. Goddard, $1,620; C. J. Haddon, $726; E. F. Wynne Heath, $360; F. W. Knewstubb, $540; W. F. Loveland, $684; H. de M. Mellin, $282; J. Milroy, $487; J. R. Mountain, $937; A. G. Mumford, $1,236; O. F. D. Norrington, $1,380; H. K. Robinson, $1,980; C. R. Scharff, $72; H. G. Sherwood, $372; G. Smith, $1,353; J. G. Sutherland, $300; N. Taylor, $1,560; A. A. Watt, $972	22,488 00	
	Department of the Provincial Secretary:		
	F. L. Arthurs, $660; H. Bailey, $303; J. J. Belford, $540; A. M. Campbell, $474; G. S. Carr, $721; A. M. Exley, $25; G. Farrant, $840; L. W. Frankum, $360; D. D. Freeze, $420; H. E. Gillingham, $420; V. S. Hitchcock, $840; H. Hoult, $233; D. Hughes, $87.10; B. Jones, $300; H. Lonsdale, $714; J. C. Lowe, $848; J. Mahoney, $335; R. A. Meakin, $1,024; J. Pollard, $54; T. Woodburne, $43.19	9,241 29	
	Department of Public Works:		
	E. G. Baxter, $1,949; P. J. Campbell, $333; A. Davies, $70; P. T. Saunders, $403; D. H. Sherwood, $648; E. Trimble, $1,246; E. Turner, $300; A. Waters, $1,572	6,881 00	
	Department of Railways:		
	H. C. Badger, $252; L. Diespecker, $110	362 00	
	Total expenditure, Grants to Civil Servants and Employees on Military Duty		82,802 29
175.	UNIVERSITY OF BRITISH COLUMBIA.		
	Grant		268,500 00
175A.	UNIVERSITY OF BRITISH COLUMBIA.		
	King's Printer		3,078 92
176.	TRANQUILLE SANATORIUM.		
	Grant for New Wing (conditional)		75,000 00
177.	CITY OF GREENWOOD.		
	Grant		1,000 00
	Carried forward		$1,713,046 97

No. of Vote.	SERVICE.	Expended.
	DEPARTMENT OF THE PROVINCIAL SECRETARY—*Continued.*	
	Brought forward	$1,713,046 97
178.	CITY OF PHOENIX.	
	Grant	4,500 00
179.	CITY OF ROSSLAND.	
	Grant	12,000 00
180.	YOUNG MEN'S CHRISTIAN ASSOCIATION.	
	Grant *re* overseas service	7,500 00
181.	PACIFIC NORTH-WEST TOURIST ASSOCIATION.	
	Grant	11,250 00
182.	GRANT FOR PATRIOTIC PURPOSES.	
	Salaries:	
	E. L. Allen $152 50	
	G. M. Blizard 331 50	
	C. Carey 115 50	
	V. Cockett 265 97	
	A. Grubb 80 00	
	D. Maclean 332 74	
	F. Maclean ..... $ 130 00	
	G. F. Pyke 1,558 07	
	E. Tobin 125 00	
	V. Trenchard 380 00	
	G. Tysoe 780 00	
	..... $ 4,251 28	
	Grants:	
	Boy Scouts' Association, Victoria, $1,000; Canadian Patriotic Fund, Victoria, $4,625.69; Returned Soldiers' Employment Committee, Nanaimo, $360; Returned Soldiers' Employment Committee, New Westminster, $1,200; Returned Soldiers' Club, Vancouver, $1,800; Returned Soldiers' Employment Committee, Victoria, $1,455.30 ..... 10,440 99	
	Travelling Expenses:	
	Kirchner & Walker, $700; G. T. Pyke, $1,475; E. G. Tysoe, $11.45 2,186 45	
	Incidentals:	
	B.C. Saddlery Co., $13.75; B.C. Telephone Co., $170.97; B.C. Veterans Weekly, $302.50; Brown Bros. & Co., $213; F. Brown-Constable, $12.50; H. Callow, $3; Campaigner, $100; C.P.R. Telegraph, $234.22; Canadian Red Cross Society, $6.90; Dominion Express Co., $6.18; Dominion Government Telegraphs, $1.75; Floral Store, $12; Gold Stripe, $200; G.N.W. Tel. Co., $70.28; J. H. How, $3; King's Printer, $1,123.48; Macey Office Equipment Co., $190.60; Montreal Star Pub. Co., $3; Peerless Key Co., $4.05; postage, $333.68; Public Works Department (labour), $2.25; Sweeney-McConnell, Ltd., $18.85; Vancouver Daily Province, $6; Veteran, The, $1.50; Victoria Book & Stationery Co., $63; Victoria Daily Colonist, $9; A. J. Woodward, $54 ..... 3,159 46	
	Total expenditure, Grant for Patriotic Purposes	20,038 18
183.	"CIVIL SERVICE ACT."	
	Chapter 9, 1917.	
	Salaries ($3,310.54):	
	Civil Service Commissioner W. H. MacInnes (4 mos. 20 days) ..... $ 1,555 54	
	Clerks and Stenographers:	
	L. Foggo ..... $ 7 50	
	F. Protich 157 50	
	R. Robinson ... 285 00	
	V. Smart ... $ 270 00	
	J. A. Smith .. 1,035 00	
	..... 1,755 00	
	Expenses ($1,473.98):	
	Travelling Expenses:	
	W. H. MacInnes 219 75	
	Carried forward ..... $ 3,530 29	$1,768,335 15

No. of Vote.	SERVICE.		Expended.
	DEPARTMENT OF THE PROVINCIAL SECRETARY—*Continued.*		
183.	"CIVIL SERVICE ACT"—*Concluded.*		
	Chapter 9, 1917—Concluded.		
	Brought forward	$ 3,530 29	$1,768,335 15
	Expenses—*Concluded.*		
	Incidentals: B. C. Telephone Co., $13.25; C.P.R. Telegraph, $24.77; District Ledger (Fernie), $1; Dominion Express Co., 60c.; G.N.W. Tel. Co., $1.09; King's Printer, $737.31; Macey Office Equipment Co., $256.85; W. G. Mills, $3; Nanaimo Herald, $4.80; postage, $66.16; D. Robbins, $1; Times P. & P. Co., $39.85; Vancouver Daily Province, $47.10; Vancouver Daily Sun, $47.70; Vic. Book & Stationery Co., $1.65; World, Ltd. (Vancouver), $8.10	1,254 23	
	Total expenditure, Chapter 9, 1917		$ 4,784 52
	Chapter 37, 1911.		
	Commissioners: W. J. Goepel .. $75 00 A. Robinson ....$75 00 A. M. Johnson 75 00	225 00	
	Registrar .....P. Walker	75 00	
	Total expenditure, Chapter 37, 1911		300 00
	Total expenditure, "Civil Service Act"		5,084 52
184.	SUPERANNUATION.		
	G. W. Aikman, $720; J. A. Anderson, $1,155; J. R. Anderson, $900; M. Bate, $1,080; M. Beatty, $240; C. H. F. Blake, $300; T. C. Boulton, $780; A. G. Brown, $420; J. C. Brymner, $840; J. Burr, $900; A. J. Butler, $360; C. Cameron, $500; E. E. Chipman, $70; E. J. Corrigan, $300; J. Crawford, $420; C. E. Costerton, $480; W. Dodd, $600; W. A. Earle, $440; J. Edwards, $212.50; J. D. Fraser, $360; T. C. Gamble, $1,200; W. Gordon, $960; W. S. Gore, $1,200; D. Graham, $360; S. B. Green, $360; Hon. J. S. Helmcken, $400; C. E. Holt, $780; J. D. Hopkins, $360; W. T. L. House, $480; G. Marsden, $480; G. B. Martin, $880; J. H. Mason, $420; T. Morgan, $900; J. Munro, $150; P. Murphy, $420; J. M. Mutter, $840; E. B. McKay, $1,200; J. A. McMartin, $480; C. R. Nairne, $1,080; A. C. Nelson, $900; M. Parsons, $480; C. Phair, $1,356; S. Phipps, $480; J. Porter, $960; A. C. Reddie, $1,210; R. Rees, $440; W. E. Scott, $700; G. Simon, $780; J. F. Smith, $120; J. McB. Smith, $1,440; J. H. Sprott, $900; D. Stephenson, $1,080; A. Stevenson, $720; J. Strang, $420; G. Thomson, $840; J. H. Turner, $6,000; J. Vicars, $900; E. Wolfenden, $660; T. E. Wooldridge, $960; S. Y. Wootton, $700	$ 46,073 50	
	Total expenditure, Superannuation		46,073 50
185.	CONTINGENCIES.		
	D. E. Campbell, $59.45; King's Printer, $32.20; F. A. McDiarmid, $11; L. J. O'Brien, $100	$ 202 65	
	Total expenditure, Contingencies		202 65
185A.	SAANICH HOSPITAL FOR CRIMINAL INSANE.		
	Alaska B.C. Bedding Co., $610.40; Albion Stove Works, $12.90; W. T. Blagburne, $100; B.C. Electric Railway Co., $21.55; Bursar, $293.90; Cameron & Calwell, $7.50; Carter Electric Co., $173.75; Cassidy's, Ltd., $147.94; P. Conroy, $378.90; H. Cooley & Son, $62.50; A. J. Duggan, $71; E. & N. Railway Co., $137.82; Fraser		
	Carried forward		$1,819,695 82

No. of Vote.	SERVICE.		Expended.
	DEPARTMENT OF THE PROVINCIAL SECRETARY—*Concluded.*		
185A.	SAANICH HOSPITAL FOT CRIMINAL INSANE—*Concluded.*		
	Brought forward		$1,819,695 82
	& Co., Ltd., $270.41; Gordon & Belyea, $50.03; Hawkins & Hayward, $34.53; J. Heaney, $16.50; Hickman Tye Hardware Co., $10.35; H. A. Hoult, $10; C. W. Jordan, $2.25; J. Kingham & Co., $603; Marvin & Co., $36.42; Melrose Co., Ltd., $323.65; A. Milligan, $9.50; McWilliams & Munro, $1,568.10; R. J. Nott, $7; Public Works Dept. (labour), $180.25; Reliable Transfer Co., $69.47; Saanich Prison Farm, $992.50; A. Sheret, $18.95; D. Spencer, Ltd., $1,100.68; Weiler Bros., Ltd., $1,695.10; pay-list (labour), $24.60..	$ 9,042 45	
	Total expenditure, Saanich Hospital for Criminal Insane		9,042 45
	SPECIAL WARRANTS NOS. 11 AND 44—EXPENSES OF ELECTIONS.		
	Alberni Election, 11th January, 1919:		
	Returning Officer, G. A. Huff	$ 100 00	
	Sundry persons, posting proclamations, travelling expenses, rent, etc.	342 05	
	Total expenditure, Alberni Election	$ 442 05	
	Chilliwack By-election, 10th May, 1918:		
	Returning Officer, T. Dickie	$ 200 00	
	Election Clerk, F. E. Menzies	75 00	
	23 Deputy Returning Officers at $10 each	230 00	
	23 Poll Clerks at $5 each	115 00	
	Sundry persons, rents, delivering ballots, police, stationery, etc.	197 65	
	Total expenditure, Chilliwack Election	817 65	
	Cowichan Election, 25th January, 1919:		
	Returning Officer, A. A. B. Herd	$ 200 00	
	10 Deputy Returning Officers at $10 each	100 00	
	10 Poll Clerks at $5 each	50 00	
	Election Clerk	15 00	
	Sundry persons, rents, advertising, sheeting, etc.	200 10	
	Total expenditure, Cowichan Election	565 10	
	Victoria City By-election, 28th June, 1918:		
	Returning Officer, H. E. A. Courtney	$ 400 00	
	Election Clerk, J. S. Murray	100 00	
	5 Presiding Officers at $15 each	75 00	
	65 Deputy Returning Officers at $10 each	650 00	
	68 Poll Clerks at $5 each	340 00	
	Sundry persons, rents, meals, stationery, police, printing, etc.	1,756 34	
		$ 3,321 34	
	By forfeited deposits $300 00		
	By sale of lumber 18 00	318 00	
	Total expenditure, Victoria By-election	3,003 34	
	Vancouver By-election, 24th January, 1918:		
	G. M. McCuaig, additional Poll Clerk	5 00	
	Total expenditure, Expenses of Elections		4,833 14
	SPECIAL WARRANT NO. 4—INVALID SOLDIERS' COMMISSION.		
	Grant		30,000 00
	Total expenditure, Department of the Provincial Secretary		$1,863,571 41

No. of Vote.	SERVICE.	Expended.	
	DEPARTMENT OF PUBLIC WORKS.		
186.	**MINISTER'S OFFICE.**		
	Salaries ($7,860):		
	Minister of Public Works ..... Hon. J. H. King	$ 6,000 00	
	Secretary ..... J. E. Myers	1,860 00	
		$ 7,860 00	
	Expenses ($1,963.87):		
	Office Supplies, etc.:		
	B.C. Tel. Co., $181.26; C.P.R. Tel. Co., $84.16; Colonist, The, $9; Dominion Govt. Telegraphs, 37c.; General Cartage Association, $1; G.N.W. Tel. Co., $10.74; King's Printer, $123.15; Macey Office Equipment Co., Ltd., $70.75; Peerless Key Co., $4.50; postage, $89.24; Reliable Messenger Service, 50c.; Vancouver Daily Province, $4; Victoria Daily Times, $12.60	591 27	
	Travelling Expenses:		
	Hon. J. H. King, $960.45; J. E. Myers, $412.15	1,372 60	
	Total expenditure, Minister's Office		$ 9,823 87
187.	**GENERAL OFFICE.**		
	Salaries ($37,506.47):		
	Deputy Minister ..... J. E. Griffith	$ 3,360 00	
	Public Works Engineer ..... A. E. Foreman	3,600 00	
	Assistant Public Works Engineer G. P. Napier	2,640 00	
	Office Engineer ..... F. L. Macpherson	2,400 00	
	Designing Engineer ..... C. H. Cookson	2,400 00	
	Acting Supervising Architect .... H. Whittaker	1,999 91	
	Draughtsmen:		
	A. D. Marshall .... $ 226 93 — M. Morley ..... $ 10 00		
	W. Middleton ..... 1,879 96 — A. Stewart 750 00	2,866 89	
	Chief Clerk and Accountant ..... A. Hood	2,520 00	
	Assistant Accountant ..... W. G. M. Rolston	1,708 00	
	Clerks:		
	W. C. Ard ..... 1,332 00 — D. C. Hughes 1,260 00		
	E. Cave ..... 1,332 00 — M. B. Lloyd 1,332 00		
	H. W. Edwardson.. 1,424 00 — T. G. A. Young 1,708 00		
	H. A. Howell 1,424 00	9,812 00	
	Junior Clerks:		
	N. Ballantine ..... 85 00 — T. H. Ryan 2 00		
	T. F. Baxter ..... 85 89 — O. Turner 15 00		
	J. McCreadie 335 00	522 89	
	Stenographers:		
	F. G. Burrill ..... 50 32 — E. McIntyre 30 00		
	M. Egerton ..... 960 00 — A. M. Peddle 1,050 00		
	L. Foggo ..... 16 25 — M. Richardson 252 71		
	F. G. Kenny ..... 900 00 — D. Rolls 180 00		
	M. McDonald ..... 7 50 — J. M. Tully 230 00	3,676 78	
		$ 37,506 47	
	Expenses ($5,228.59):		
	Office Supplies, etc.:		
	Architectural Record Co., $3.60; B.C. Tel. Co., Ltd., $312.63; Canadian Engineer, $3; Canadian Express Co., $2.20; C.P.R. Tel. Co., $331.68; Clarke & Stuart Co., Ltd., $158.51; Dominion Express Co., $12.30; Dominion Govt. Tel., $18.12; Engineering Magazine Co., $4.50; Engineering News-Record, $14; G.N.W. Tel. Co., $38.98; Hickman Tye Hardware Co., Ltd., $1.05; King's Printer, $1,779.79; Lands Department, $87.50; Macey Office Equipment Co., Ltd., $91.15; Munn & Co., $4.75; Peerless Key Co., Inc., $16.20; postage, $616.85; Smith & Champion, $2.50	3,499 31	
	Carried forward	$ 41,005 78	$ 9,823 87

No. of Vote.	SERVICE.		Expended.
	DEPARTMENT OF PUBLIC WORKS—*Continued.*		
187.	General Office—*Concluded.*		
	Brought forward	$ 41,005 78	$ 9,823 87
	Expenses—*Concluded.*		
	Travelling Expenses: C. H. Cookson, $1.50; A. E. Foreman, $1,145.11; F. L. MacPherson, $19.75; W. Middleton, $91.72; G. P. Napier, $11.40; H. Whittaker, $459.80	1,729 28	
	Total expenditure, General Office		42,735 06
188.	District Engineers.		
	Salaries ($27,070):		
	Engineers:		
	A. L. Carruthers $2,400 00; Col. A. E. Hodgins $1,050 00; J. G. Cummings 2,400 00; H. L. Johnston 2,400 00; A. Dixon 2,400 00; P. Philip 2,400 00; W. K. Gwyer 2,400 00; W. Ramsay 2,400 00	$ 17,850 00	
	Clerks:		
	H. O. Crewe 1,340 00; N. McNichol 1,340 00; R. F. Davis 1,340 00; A. K. Stuart 1,340 00; J. Dunlop 1,260 00; H. Wood 1,340 00; C. M. Mackinnon 1,260 00	9,220 00	
		$ 27,070 00	
	Expenses ($11,786.25):		
	Office Supplies, etc.: Albert & McCaffery, Ltd., $45; C. Anderson, $5.40; C. G. Baker, $15.70; Beattie-Murphy Co., Ltd., $81.50; H. Braun, $19.50; B.C. Tel. Co., Ltd., $336.74; Canadian Express Co., $24.97; C.P. Rly. Co., Ltd., $145.90; City Cartage & Transfer Co., $3.05; City Drug & Stationery Co., $5.25; City of Prince George, $12.95; City of Prince Rupert, $71.46; S. Clarke, $2; Clarke & Stuart Co., Ltd., $3.13; Cranbrook Drug & Book Co., Ltd., 95c.; Cranbrook Elec. Light Co., Ltd., $13.81; Cranbrook Sash & Door Co., Ltd., $58.87; J. G. Cummings, $1.53; N. S. Dalgleish, $5.80; Dominion Express Co., $33.12; Dominion Govt. Telegraph, $106.05; Elec. Blue Print & Map Co., $27.70; E. J. Finch, $2; Fort George & Alberta Tel. & Elec. Co., Ltd., $59.40; Fort George Drug Co., $7.05; J. Gilpin, $9; G.T.P. Tel. Co., $220.42; J. Henderson, $5; Howe & McNulty, $5.15; Imperial Oil, Ltd., $18.45; King's Printer, $860.12; Kootenay Tel. Lines, Ltd., $70.46; Leith Bros., $11.40; Lynch Bros., $12.50; Macdonald Cartage Co., $1.75; A. E. Malacord, $16; J. R. Mitchell, $260; J. Munro, Ltd., $1.35; M. McEachern, $79; McKinnon Heating & Plumbing Co., $2; P. McPherson, $34.85; McRae Bros., $57.30; Nelson Gun, Lock & Cycle Works, $4.50; Nelson Hardware Co., 45c.; Northern Lumber & Mercantile Co., $5.95; Office Specialty Mfg. Co., $86.70; Okanagan Tel. Co., $78; H. R. Olsen, $13; Ormes, Ltd., $6.35; Pacific Cartage, Ltd., $33.84; F. Parks & Co., $5.30; R. Parmley, $20.65; G. Parnby, $4.50; Patmore Bros., $8; Penticton Dept. Stores, $4.80; Penticton Elec. Co., $6; Pony Express, $12.30; postage, $511.17; E. Price, $30; Prince Rupert City Tel., $26; H. M. Ramsay, $1.50; Public Works Dept., $5.75; Reliable Transfer Co., $3.61; Rush Transfer & Storage Co., $2.50; J. Simonson, $1.25; Smith & Mallett, $2.50; Steen & Longwill, $2.40; A. K. Stuart, $23.55; Sullivan's Quick Print, $2; G. D. Tite, $6.15; University of Illinois, 50c.; West Transfer Co., $2.75; H. Wilson, $39.05; J. H. Wilson, $5; Wood, Vallance & Leggat, Ltd., $4.25	3,713 85	
	Travelling Expenses: A. L. Carruthers, $720.55; J. G. Cummings, $1,047.72; A. Dixon, $1,245.34; W. K. Gwyer, $998.90; A. E. Hodgins,		
	Carried forward	$ 30,783 85	$ 52,558 93

No. of Vote.	SERVICE.		Expended.
	DEPARTMENT OF PUBLIC WORKS—*Continued.*		
188.	DISTRICT ENGINEERS—*Concluded.*		
	Brought forward	$ 30,783 85	$ 52,558 93
	Expenses—*Concluded.*		
	Travelling Expenses—*Concluded.*		
	$122.62; H. L. Johnston, $1,713.08; G. P. Napier, $515.92; P. Philip, $629.90; W. Ramsay, $1,078.37	8,072 40	
	Total expenditure, District Engineers		38,856 25
189.	STEAM-BOILER INSPECTION.		
	Salaries ($34,572.68):		
	Chief Inspector ..... J. Peck	$ 3,600 00	
	Inspectors:		
	F. Bath $1,247 26; P. A. Goepel $1,697 33		
	S. Baxter 2,640 00; J. D. Kay 2,400 00		
	A. S. Bennett 2,280 00; G. O. Madigan 2,640 00		
	F. Biggam 2,220 00; G. C. McGown 1,600 00		
	J. Clark 2,040 00; A. Sutherland 2,580 00		
	J. Downie 2,520 00; J. B. Tait 1,190 00		
	L. Duckitt 2,040 00	27,094 59	
	Clerk ..... W. A. Bond	960 00	
	Stenographers:		
	O. Archibald 403 22; I. Stead 455 00		
	F. Coupland 780 00; N. Thomas 278 45		
	V. Moore 23 06; A. C. Williamson 635 86		
	B. Smith 342 50	2,918 09	
		$ 34,572 68	
	Expenses ($12,363.79):		
	Office Supplies, etc.:		
	Albion Motor Express, $5; Belyea & Co., $9.43; B.C. Telephone Co., $304.46; Burr Office Supplies, $12; C.P.R. Tel. Co., $33.21; Dominion Express Co., $15.65; Dominion Govt. Telegraphs, $2.92; D. T. Dunn, $5; G.N.W. Tel. Co., 69c.; G. H. Hewitt, Ltd., $50.30; King's Printer, $724; Martin, Finlayson & Mather, $1.40; J. Muirhead, $44.32; Office Specialty Co., $310; postage, $523.50; G. A. Roedde, $55.50; United Typewriter Co., $25.50; Watson Insurance Agencies, $2	2,124 88	
	Travelling Expenses:		
	F. Bath, $152.81; S. Baxter, $694.30; F. Biggam, $152.65; A. S. Bennett, $159.56; J. Clark, $627.44; J. Downie, $160.20; L. Duckitt, $931.85; P. A. Goepel, $130.32; J. D. Kay, $963.33; G. O. Madigan, $61.69; G. C. McGown, $915.20; J. Peck, $262.40; A. Sutherland, $1,033.45; J. B. Tait, $291.86	6,537 06	
	Launches (Maintenance, Wages, and Supplies):		
	Engineer, "Adanac," G. L. Smith (salary) $ 1,100 00		
	Anderson & Lusby, $40.90; Annandale Supply Co., $27.35; E. Atkins, $1.45; Belyea & Co., $2.50; Cormack & Annand, $5; Dominion Express Co., 60c.; Genoa Bay Lumber Co., $1.20; Gilley Bros., $1.20; Hutchison Bros. & Co., $453.63; Hyslop Hardware Co., $1.20; Imperial Oil Co., $63.60; W. R. Jaynes, $3; A. Jeune, $1.25; Royal City Laundry, 55c.; Simson, Balkwill & Co., $5.72; M. Sowden, 30c.; Star Ship Yard Co., $393.88; T. J. Trapp & Co., $5.55; Westminster Iron Works, $306.53; Windsor Grocery Co., $4.60	1,320 01		
		2,420 01	
	Testing Instruments, Chemicals, etc.:		
	Simson, Balkwill & Co., $10.48; Burr Office Supplies, 90c.; Cunningham Hardware Co., $3.65; F. Darling & Co., $274.73; Dominion Express Co., $1.63; M. Dumond, $1; G. Northern		
	Carried forward	$ 45,654 63	$ 91,415 18

No. of Vote.	SERVICE.		Expended.
	DEPARTMENT OF PUBLIC WORKS—*Continued.*		
189.	STEAM-BOILER INSPECTION—*Concluded.*		
	Brought forward	$ 45,654 63	$ 91,415 18
	Expenses—*Concluded.*		
	Testing Instruments, Chemicals, etc.—*Concluded.*		
	Express Co., $3.95; Ramsay Machine Works, $2.25; Storey & Campbell, $150; T. J. Trapp & Co., 50c.; Vancouver Engineering Works, $360; Westminster Iron Works, $472; Westminster Motor Express, 75c.	1,281 84	
	Total expenditure, Steam-boiler Inspection		46,936 47
190.	"ELECTRICAL ENERGY INSPECTION ACT."		
	Salaries ($4,820):		
	Inspector ..... D. P. Roberts	$ 3,020 00	
	Assistant Inspector ..... J. Muirhead	1,800 00	
		$ 4,820 00	
	Expenses ($914.62):		
	Office Supplies, etc.:		
	B.C. Telephone Co., $8.04; C.P.R. Tel. Co., $1.41; Dominion Express Co., 60c.; Elec. Supply Co., 65c.; Journal of Elec., $3.50; King's Printer, $32.52; postage, $10.50; J. Rose, 45c.	57 67	
	Travelling Expenses:		
	J. Muirhead, $714.40; D. P. Roberts, $142.55	856 95	
	Total expenditure, "Electrical Energy Inspection Act"		5,734 62
191.	"FACTORIES ACT."		
	Salaries ($5,003):		
	Inspector ..... R. J. Stewart	$ 2,280 00	
	Assistant Inspector ..... H. Douglas	1,800 00	
	Stenographers:		
	J. Dickinson .....$900 00 F. Paul $23 00	923 00	
		$ 5,003 00	
	Expenses ($1,594.57):		
	Office Supplies:		
	W. G. Anderson, $25.10; B.C. Federationist, $2; B.C. Telephone Co., $4.88; F. Darling & Co., $9.20; Dominion Express Co., $3.50; Electric Supply Co., $1.40; C. Hartin, $27.50; Industrial Progress, $1; King's Printer, $91.39; R. M. Moore & Co., $1.25; Num. Tel. Locator Co., $1; postage, $65; Progress Pub. Co., $3	236 22	
	Travelling Expenses:		
	H. Douglas, $728.30; R. J. Stewart, $630.05	1,358 35	
	Total expenditure, "Factories Act"		6,597 57
192.	MAINTENANCE OF GOVERNMENT HOUSE AND GROUNDS.		
	Salaries ($2,400):		
	Private Secretary ..... H. J. S. Muskett	$ 2,400 00	
	Expenses ($12,568.76):		
	Fuel, Light, and Water:		
	Attorney-General's Department, $120.25; B.C. Elec. Rly. Co., $507.98; H. Chesterfield, $15; V. Cragg, $8; Hall & Walker, $27.75; Hawkins & Hayward, $66.48; Kirk & Co., Ltd., $61.10; Mackay & Gillespie, $680.91; J. E. Painter & Son, $18; Uplands, Ltd., $50.45; Victoria Gas Co., $167.50; Victoria Waterworks, $372.83	2,096 25	
	Maintenance and Repairs of Buildings:		
	City of Victoria, $5.68; A. Davis, $32.15; W. Davis, $4.60; W. S. Fraser, $5.46; R. Hamilton, $600; King's Printer, $8.15;		
	Carried forward	$ 4,496 25	$ 150,683 84

No. of Vote.	SERVICE.	Expended.	
	DEPARTMENT OF PUBLIC WORKS—*Continued.*		
192.	MAINTENANCE OF GOVERNMENT HOUSE AND GROUNDS—*Concluded.*		
	Brought forward	$ 4,496 25	$ 150,683 84
	Expenses—*Concluded.*		
	Maintenance and Repairs of Buildings—*Concluded.*		
	J. Leigh & Sons, $79.50; Lemon, Gonnason Co., $55.06; Melrose Co., Ltd., $58.52; W. Neal, $30.50; Public Works Department, $171.45; Reliable Transfer Co., $1.50; A. Sherat, $1.60; J. Sommer & Sons, $18.75; D. Spencer, Ltd., $1.95; G. A. & E. Stevens, $5.75; W. A. Tyson, $8.35; Weiler Bros., $27.05	1,116 02	
	Gardening and Improvement of Grounds:		
	B.A. Paint Co., $11.50; B. & K. Milling Co., $25.25; Canadian Con. Rubber Co., $41.85; Canadian Fairbanks-Morse Co., $7.49; J. Carter & Co., $1.95; Evans, Coleman & Evans, $9.50; W. S. Fraser & Co., $2.90; C. C. Morse & Co., $10.04; Nat. Drug & Chemical Co., $5.70; Quadra Greenhouse, $6; J. Richards, $146; E. G. Prior & Co., $4.20; pay-list (gardeners), $7,249.68	7,522 06	
	Ground-rent and Taxes:		
	Corporation of City of Victoria, $396.65; B.C. Land & Investment Agency, $24.25	420 90	
	Miscellaneous:		
	A. W. Bridgman, $50; B.C. Dist. Tel. & Del. Co., $1.25; B.C. Telephone Co., $231.50; Brown Bros. & Co., $10; Burdick Bros. & Brett, $50; Cameron Inv. & Sec. Co., $50; C.P.R. Telegraph Co., $42.54; Colonist P. & P. Co., $18; L. U. Conyers & Co., $50; Corporation of City of Victoria, $7.36; Dominion Govt. Tel. Co., $4.89; Drake Hardware Co., $6.65; Duck & Johnston, $40; J. G. Elliott, $50; W. S. Fraser & Co., 60c.; Gillespie, Hart & Todd, $7.70; G.N.W. Tel. Co., $33.64; Heisterman, Forman & Co., $50; F. Jeune & Bro., Ltd., $27.80; A. W. Jones, Ltd., $50; King's Printer, $104.90; Lee & Fraser, $150; Leeming Bros., $50; MacLean Pub. Co., $6; J. Sommers & Sons, $113.25; Smith, Davidson & Wright, $4.80; D. Spencer, Ltd., $36.03; H. E. Waterman, $6; Weiler Bros., $100.62; C. Young, $60	1,413 53	
	Total expenditure, Maintenance of Government House and Grounds...		14,968 76
193.	MAINTENANCE OF PARLIAMENT BUILDINGS AND GROUNDS.		
	Salaries ($49,111.56):		
	Chief Janitor.....A. Brakes	$ 1,440 00	
	Janitors:		
	H. Andrews $1,050 00 — J. Henley $1,120 00		
	W. Bailey 1,080 00 — G. Leonard 1,050 00		
	F. D. Cameron 441 65 — R. Lewis 1,190 00		
	F. Carne 1,050 00 — H. McCabe 1,050 00		
	W. Corfield 1,050 00 — J. Naysmith 1,050 00		
	J. Curtis 1,120 00 — T. Prior 1,050 00		
	A. Davies 841 91 — W. Riley 1,050 00		
	C. Davies 1,050 00 — H. J. Steverson 1,190 00		
	P. Davies 1,050 00 — F. Tatham 1,260 00		
	H. Edwards 1,050 00 — R. E. Thomas 1,050 00		
	A. V. Elmhurst 1,020 00 — G. Whitfield 1,050 00		
	R. Enthwhistle 960 00 — A. C. Wilson 1,050 00		
	D. Graham 255 00	25,178 56	
	Watchmen:		
	A. Creswell 281 30 — P. H. Phelps $1,020 00		
	W. C. Ellis 80 00 — E. Smith 1,050 00		
	A. G. Moss 465 79 — E. J. Seymour 1,050 00	3,947 09	
	Usher.....H. H. Nash	1,260 00	
	Assistant Usher.....C. Davies, Jr.	420 00	
	Engineer.....A. Manson	1,800 00	
	First Assistant Engineer.....J. H. Eccles	1,606 00	
	Carried forward	$ 35,651 65	$ 165,652 60

No. of Vote.	SERVICE.	Expended.	
	DEPARTMENT OF PUBLIC WORKS—*Continued.*		
193.	MAINTENANCE OF PARLIAMENT BUILDINGS AND GROUNDS—*Continued.*		
	Brought forward	$ 35,651 65	$ 165,652 60
	Salaries—*Concluded.*		
	Second Assistant Engineer ..... A. Johnson	1,380 00	
	Plumber ..... A. Milligan	1,580 00	
	Electrician ..... C. W. Jordan	1,560 00	
	Firemen:		
	E. Moyes .....$ 686 20 T. Flanigan .....$ 168 00	854 20	
	Carpenters:		
	A. Davis ..... 1,285 78 W. A. Tyson 1,302 93		
	W. Davis 1,520 00	4,108 71	
	Head Gardener ..... J. B. Partington	1,320 00	
	Assistant Head Gardener ..... W. Brown	1,080 00	
	Telegraph Operator ..... A. E. Starr	1,120 00	
	Telegraph Messenger ..... A. Sargent	420 00	
	Temporary assistance:		
	A. van Egmond .... 22 00 H. K. Starr 15 00	37 00	
		$ 49,111 56	
	Expenses ($29,952.13):		
	Fuel, Light, and Water:		
	Attorney-General's Department, $70.40; B.C.E. Rly. Co., Ltd., $3,202.36; T. L. Boyden, $59.60; G. Burt, $27; Carter Elec. Co., Ltd., $646.96; Hall & Walker, $16.50; Hawkins & Hayward, $177.06; Mackay & Gillespie, Ltd., $23.35; J. E. Painter & Son, $205.25; Victoria Fuel Co., Ltd., $11,403.59; Victoria Gas Co., Ltd., $1.20; Victoria Waterworks, $1,137.96..	16,971 23	
	Maintenance and Repairs of Buildings:		
	H. Baillie & Co., $32.30; J. Bell, $225; B.C. Tel. Co., Ltd., $291.06; Canadian Consolidated Rubber Co., Ltd., $5.98; Carter Elec. Co., Ltd., $216.65; J. W. Chilton, $18; H. Cooley & Son, $4.10; Darling Bros., Ltd., $6; Dominion Express Co., 60c.; Drake Hardware Co., Ltd., $4.90; E. & N. Rly. Co., $58.30; Evans, Coleman & Evans, Ltd., $101.65; W. S. Fraser & Co., Ltd., $91.52; H. Harkness & Son, $375.50; Hawkins & Hayward, $92.44; Hickman Tye Hardware Co., Ltd., $85.91; H.M. Collector of Customs, 28c.; King's Printer, $67.15; Knott & Jones, $107; Lemon, Gonnason Co., Ltd., $228.24; E. B. Marvin & Co., $132.32; F. Mellor, $19.10; Mellor Bros., $22.60; Melrose Co., Ltd., $151.72; McCarter Shingle Co., $15.50; T. McDonald, $120; McKenzie Furnace Co., $112.50; W. B. McMicking, $55; McTavish Bros., $34.65; National Drug & Chemical Co. of Canada, $10.08; W. Neal, $10; W. N. O'Neil Co., Ltd., $52.53; Otis-Fensom Elevator Co., Ltd., $3; pay-list, labour, $84.25; E. G. Prior & Co., Ltd. Lby., $18.58; Producers' Rock & Gravel Co., Ltd., $8.20; Reliable Transfer Co., $10.25; Roach & Smith, $60.50; A. Sheret, $53.56; G. A. Stevens, $340.50; Waites & Knapton, $6.45; A. & W. Wilson, $3.50	3,337 37	
	Gardening and Improvement of Grounds:		
	Armstrong Bros., $17.15; Brown's Victoria Nurseries, $83; Can. Con. Rubber Co., $56.15; Carter Elec. Co., Ltd., $30.45; Corporation of City of Victoria, $1.84; Department of Agriculture, $72; W. S. Fraser & Co., $25; Hawkins & Hayward, $39.36; Layritz Nurseries, $38.25; Lemon, Gonnason Co., $61; W. Mable, $19; F. Mellor, $4; National Drug & Chemical Co., $14.72; Pandora Sail & Tent Factory, $91.72; E. G. Prior & Co., $46.57; Reliable Transfer Co., $62.25; J. Richards, $106.50; Shaw Bros., 50c.; D. Spencer, $7; H. M. Wilson, $37.50; A. J. Woodward, $9.75; pay-list (labour), $3,255.29..	4,079 00	
	Scavenging, Cleaning, and Janitors' Supplies:		
	B.C. Brush Works, $9; J. Carson, $6.50; Carter Elec. Co., $95.45; Corporation of City of Victoria, $456; F. W. Durand, $11.20; Dust Control Co., $42.50; E. B. Eddy Co., Ltd.,		
	Carried forward	$ 73,499 16	$ 165,652 60

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF PUBLIC WORKS—*Continued.*			
193.	MAINTENANCE OF PARLIAMENT BUILDINGS AND GROUNDS—*Concluded.*			
	Brought forward		$ 73,499 16	$ 165,652 60
	Expenses—*Concluded.*			
	Scavenging, Cleaning, and Janitors' Supplies—*Concluded.* $252.80; W. S. Fraser & Co., $11.35; Gault Bros., $86.09; Hawkins & Hayward, $3.60; J. Heaney, $2.25; Irish Linen Stores, $27.40; Ivel's Pharmacy, $14; King's Printer, $32; E. B. Marvin & Co., $11.15; Mitchell Bros., $35.25; National Drug & Chemical Co., $6.25; Pacific Sheet Metal Works, $10.30; W. J. Pendray & Sons, $186.27; Reliable Transfer Co., $7.55; R. P. Rithet & Co., $41.20; Smith, Davidson & Wright, $69.20; D. Spencer, $12; Victoria Steam Laundry Co., $160.22; Weiler Bros., Ltd., $31.32; B. Wilson Co., $67.70			1,688 55	
	Taxes:			
	Corporation of the City of Victoria			1,028 76
	Special Guard:			
	Pay-lists			766 00
	Garage:			
	J. Armstrong (salary)	$ 1,740 00		
	Armstrong Bros., $2.75; J. Armstrong, $6.45; Auto Supply Co., $143.70; R. Benson, $153.50; B.C. Telephone Co., 95c.; A. Burrows, $61.30; Can. Con. Rubber Co., $100.35; Can. Fairbanks-Morse Co., $45.99; W. Cathcart Co., $8; Cox & Perkins, $3.50; H. A. Davie, $214.97; Drake Hardware Co., $2; W. S. Fraser & Co., $20.40; Goodyear Tire & Rubber Co., $40; H. J. Holman, $372.25; Imperial Oil, Ltd., $350.85; Jameson, Rolfe & Willis, $75; E. B. Marvin & Co., $2.20; Mellor Bros., $5; W. J. Pendray & Sons, $6.63; T. Plimley, $53.46; E. G. Prior & Co., $3.89; Provincial Police Department, $20; Ship Chandlers, Ltd., $15; Turner, Beeton & Co., $9.60	1,717 74		
			3,457 74	
	Miscellaneous:			
	W. S. Fraser & Co., $1.80; King's Printer, $25.30; L. C. Mabon, $12; Pandora Sail & Tent Factory, $32.50; Reliable Transfer Co., $4.50; R. P. Rithet & Co., $16.95; Victoria Daily Colonist, $15; pay-lists (labour), $486.22			594 27
			$ 81,034 48	
	By cash		1,970 79	
	Total expenditure, Maintenance of Parliament Buildings and Grounds			79,063 69
194.	ROADS, STREETS, BRIDGES, AND WHARVES.			
	Alberni District.			
	Roads and Streets:			
	Maintenance and Repairs:			
	Assistant Engineers:			
	W. P. Beavan, salary $720, expenses $358.73;			
	G. B. Whitehead, salary $1,125, expenses $244.57			
	Clerk, E. G. Croll, $310.65			
	Stenographers:			
	E. S. Pallant, $5; J. M. Tully, $130			
	Pay-lists, labour and team-work, $21,487.97			
	Miscellaneous:			
	P. Bennett, $15.23; B.C. Telephone Co., $71.40; E. Bunting, $5.50; Can. Bank of Commerce, $23.60; Can. Cons. Rubber Co., $94.27; Carr's Garage, $1.75; City of Alberni, $6.03; Coal Creek Lumber Co., $103.14; E. Coleman,			
	Carried forward			$ 244,716 29

No. of Vote.	SERVICE.	Expended.

DEPARTMENT OF PUBLIC WORKS—*Continued.*

194. ROADS, STREETS, BRIDGES, AND WHARVES—*Continued.*

Alberni District—Concluded.

Brought forward ..... $ 244,716 29

Roads and Streets—*Concluded.*
Maintenance and Repairs—*Concluded.*
Miscellaneous—*Concluded.*
$4.75; Custance & Co., $59.60; Darlington & Co., $8.60; Dom. Express Co., $4.95; Dominion Govt. Telegraphs, $12.53; Duncan Garage, $3.50; Errington Grocery, $25.05; E. Goodall, $10; A. Gueulette *et al.*, $400; Holberg Mercantile Co., $1.52; M. L. Holt, 35c.; E. Homewood, $50; King's Printer, $26.82; W. Leakey, $1; S. Leiser & Co., Ltd., $2.80; G. T. Mitchell, $6.79; McKenzie & Son, $14; M. G. McLean, $4; Nanaimo Motor Transfer Co., $69.40; Nanoose Lumber Co., $2.29; E. R. Paine, $273; Parksville Car Works, $144.89; Parksville Garage, $6.70; Pioneer Feed Co., $15.30; Port Alberni Garage, $30.05; I. Porteous, $8.40; postage, $33; Provincial Police, $22; Qualicum Merchant, $10.40; Rushton's Garage, $106.93; Sampson Motor Co., $369.73; J. Shaw, $2; J. J. Skinner, $3; J. Sloman, $29.35; H. E. Stevens, $38.50; Valley Store, $10.45; Vancouver Engineering Works, $22.35; Waites & Knapton, $2.50; D. Watson, $504.60; W.C. Transp. Co., $6; E. M. Whyte, $3; M. Wilkinson, $2; J. C. Wilson Lumber Co., $8.18 ..... $ 27,063 12

Bridges:
Maintenance and Repairs:
Pay-lists, labour and team-work, $2,808.70
Miscellaneous:
Coal Creek Lumber Co., $94.85; G. Forrest, 35c.; W. Greenlees, $9,970.35; Holberg Mercantile Co., $3.23; B.C. Lokken, $24; Nanaimo Free Press, $10.75; Nanoose Lumber Co., Ltd., $24.08; E. R. Paine, $60; Qualicum Merchant, $8.50; J. Rumsby, $13.08; Times P. & P. Co., $21.20; Vancouver Daily Sun, $37.80; J. C. Wilson, $29.91 ..... 13,106 80

Wharves:
Maintenance and Repairs:
Pay-lists, labour and team-work 197 25

Total expenditure, Alberni District ..... $ 40,367 17

Atlin District.

Roads and Streets:
Maintenance and Repairs:
District Engineer, A. L. Carruthers, expenses $120.05
General Foremen:
F. Martin, salary $900, expenses $349.55; H. Molyneaux, salary $1,420, expenses $583.40
Pay-lists, labour and team-work, $10,247.65
Miscellaneous:
P. Adams, $16; Alice Arm Transfer Co., $42; Can. Pac. Rly. Co., $35.45; Dominion Govt. Telegraphs, $1.75; T. W. Falconer, $54.35; Fraser & Co., $10.70; P. Gabrio, $78.25; C. Gairns, $5; G. George, $7.50; Georgetown Saw Mill, $200.90; Granby C. M. S. & P. Co., $207.65;

Carried forward ..... $ 40,367 17 $ 244,716 29

No. of Vote.	SERVICE.	Expended.	
	DEPARTMENT OF PUBLIC WORKS—*Continued.*		
194.	ROADS, STREETS, BRIDGES, AND WHARVES—*Continued.*		
	Atlin District—Concluded.		
	Brought forward	$ 40,367 17	$ 244,716 29
	Roads and Streets—*Concluded.*		
	Maintenance and Repairs—*Concluded.*		
	Miscellaneous—*Concluded.*		
	D. L. Hall, $327.50; Howe & McNulty, $24.50; Johnson & Haennel, $350; J. B. Kershaw, $12; Kincolith Fisheries, $78.10; F. Lazelle Co., $25; F. E. Litle, $1; J. Macintosh, $4.65; H. P. Martin, $21.75; Mobley & Co., Ltd., $1,432.85; Naas Harbour Cannery, $27.60; C. W. A. Neville, $12.75; postage, $1; A. F. Priestley, $25; H. L. Read, $148; L. Schulz, $79.26; Union S.S. Co. of B.C., $12.15; White Pass & Yukon Route, $58.25; Wood, Vallance & Leggat, $34; Yukon Telegraphs, 75c.	$ 17,048 42	
	Bridges:		
	Maintenance and Repairs:		
	Pay-lists, labour and team-work, $5,347.76		
	Miscellaneous:		
	Akerberg, Thomson & Co., $433.60; Albert & McCaffery, Ltd., $16.85; A. Crawford, $5.30; R. Dunlop, $92.11; T. W. Falconer, $47.52; H. K. Freeman, $15.75; Gus George, $22.90; Granby C. M. S. & P. Co., $38.55; Howe & McNulty, $25.22; M. Hyatt, $20; M. Inspring, $6; Kergin & Fowler, $15; J. Kershaw, $15; J. Mellor, $11.30; F. H. Mobley & Co., Ltd., $52.35; L. Schuby, $70.65; Spruce Creek Lumber Co., $101.14; F. Stork, $13.95	6,350 95	
	Total expenditure, Atlin District		23,399 37
	Cariboo District.		
	Roads and Streets:		
	Maintenance and Repairs:		
	General Foremen:		
	W. J. McLaren, salary $1,380, expenses $378.50; R. Rutherford, salary $1,800, expenses $717.70; H. Drinkrow, salary $300, expenses $30.75		
	Pay-lists, labour and team-work, $33,831.95		
	Miscellaneous:		
	Ah Tipp, $15.30; Agriculture, Dept. of, $369; Allison Drug Co., $3; A. Baker, Sr., $187.50; Bob (Indian), $45.50; R. Barlow, $9.25; M. Bates, $49.38; C. Bell, $10.55; W. Blair, $329; A. Boitanio, $9.50; L. Bone, $14; Bones (Indian), $90.30; R. N. Borrowman, $20; J. A. Bowles, $17.50; A. E. Boyd, $243.35; J. F. Brady, $13.50; B.C. Express Co., $454.95; B.C. Saddlery Co., $152; A. Campbell, $11; Cariboo Observer, $4.40; Cariboo Trading Co., $99.50; C. Carson, $30; F. Choate, $2.50; Circle W Motor Boat, $3.05; M. Clark, $7.50; Cowan Supply Co., $78.50; L. J. Crosina, $178.20; J. A. Dale, $1.75; Deep Creek Lumber Co., $7.50; Dominion Govt. Telegraphs, $126.63; G. Duclos, $11.75; O. Earley, $27.69; Edward (Indian), $43.43; Elec. Maintenance Co., $16.35; W. T. Ewing, $205.15; G. Felker, $5; Fletcher & Holt,		
	Carried forward	$ 63,766 54	$ 244,716 29

No. of Vote.	SERVICE.	Expended.		
	DEPARTMENT OF PUBLIC WORKS—*Continued.*			
194.	ROADS, STREETS, BRIDGES, AND WHARVES—*Continued.*			
	Cariboo District—Continued.			
	Brought forward		$ 63,766 54	$ 244,716 29
	Roads and Streets—*Concluded.*			
	Maintenance and Repairs—*Concluded.*			
	Miscellaneous—*Concluded.*			
	$589.92; J. A. Fraser & Co., Ltd., $275.70; R. Fraser, $6; H. J. Gardner, $131.97; A. Graham, $12.34; G.T.P. Rly. Co., $155.98; J. Gravel, $273.75; G. Grinder, $24.05; G. G. Hamilton, $213.31; F. Harper, $12.68; R. Henderson, $2.30; D. A. Higden, $10.08; S. E. M. Hoops, $4.50; Hudson's Bay Co., $174.50; P. Hunger, $25; Inland Express Co., $36.60; International Dredging Co., $22.50; D. Irwin, $111.40; Johnston Bros., $44.50; Jones & Rant, Ltd., $1,061.34; W. W. Kelly, $91.50; King's Printer, $4.05; C. Laronde, $2.25; J. Lazzerin, $819.21; E. P. Lee, $98.75; Leith Bros., $43.62; C. Leonard, $85.12; W. H. Little, $21.10; W. V. Livingstone, $30.85; A. Locke Estate, $15.95; D. A. Lowden, $3.40; W. Lyne, $324.54; W. A. Mackenzie, $133.42; T. Marion, $42.15; S. J. Marwick, $242; A. Meiss, $13.75; J. Moe, $16.50; A. B. Moffat, $42.92; G. Montgomery, $6.25; G. Moore, $135.76; F. Myers, $22.50; D. McEachern, $3.50; D. R. McLean, $34; Nelson (Indian), $13; N. Lbr. & Merc. Co., $183.60; O'Hanlon Supply Co., $105; Onward Store, $2.50; W. Parker, $1.50; J. P. Patenaude, $60; A. Paxton, $52; A. Pearson, $1; A. Peeps, $25.12; G. Pickard, $120.20; postage, $35; S. C. Prior, $21; Provincial Police, $10; Quesnel Garage, $26.20; J. Reid Estate, $179.22; C. E. Richards, $14.07; J. Rose, $30.50; W. H. Rounds, $221.24; Rush Transfer Co., $1; Scott Restaurant, $20; F. Sellars, $16.25; J. Shepherd, $18.50; A. W. Stobie, $58.70; J. Strand, $1,142.16; Tertiary Mining Co., $127.50; W. Tillian, $53.02; G. Van, $15; Wah Lee & Co., $11.15; J. Wall, $12.50; R. J. Walters, $114.65; W. Webster, $1,062.10; T. T. Weyenburg, $1; J. F. Williams, $136.50; A. T. Windt, $8; Wingdam Co., Ltd., $80; R. Yorston, $105.25		$ 50,838 32	
	Bridges:			
	Maintenance and Repairs:			
	Pay-lists, labour and team-work, $12,974.54			
	Miscellaneous:			
	Anaham Bob (Indian), $60; C. Bell, $3.85; Bella Coola (Indian), $5.40; R. Borland, $23.25; R. Borrowman, $17; B.C. Express Co., $7; E. Cahoon, $67.90; A. B. Campbell, $10.65; Cariboo Trading Co., Ltd., $31.25; Chilcotin Trading Co., Ltd., $4; Collins & Johnston, $141.52; Cowan Supply Co., $13.75; L. J. Crosina, $13.50; Edmonton Ironworks, Ltd., $381.45; J. A. Fraser & Co., Ltd., $154.15; A. Graham, $22; G.T.P. Rly., $23.48; G. Grinder, $1.55; G. G. Hamilton, $118.16; T. J. Hodgson, $135.60; Hudson's Bay Co., $161.90; J. G. Hutchcroft, $15; Inland Express Co., $7.75; Johnston Bros., $21.50; J. Lazzerin, $418.59; T. C. Lee, $25.40; A.			
	Carried forward		$ 50,838 32	$ 63,766 54 $ 244,716 29

Vote. No. of	SERVICE.			Expended.
	DEPARTMENT OF PUBLIC WORKS—*Continued.*			
194.	ROADS, STREETS, BRIDGES, AND WHARVES—*Continued.*			
	Cariboo District—Concluded.			
	Brought forward	$ 50,838 32	$ 63,766 54	$ 244,716 29
	Bridges—*Concluded.*			
	Maintenance and Repairs—*Concluded.*			
	Miscellaneous—*Concluded.*			
	Macauley, $76.93; S. G. Marwick, $16.25; T. Marion, $1.25; A. Meiss, $2.25; K. McKenzie, $59.75; R. F. Newton, $9; W. Parker, $13.35; R. Pyper, $8; Quesnel Livery & Feed Stables, $26; J. Reid Estate, $415.45; Stan-Hom-Lodge, $1.50; J. Stewart, $50.10; P. G. Stuart, $7; Vaughan Realty Co., $15; G. B. Williams, $3.70; S. N. William & Co., $1.25	15,566 92		
	Protection of River-banks:			
	F. Harper, dam near Bear Lake, $8.45; pay-lists, dam near Bear Lake $388, crib at Barkerville $235..	631 45		
	Special Warrant No. 26:			
	Mrs. H. Drinkrow, grant equivalent to two months' salary of the late H. Drinkrow, General Foreman....	300 00		
	Total expenditure, Cariboo District		67,336 69	
	Chilliwack District.			
	Roads and Streets:			
	Maintenance and Repairs:			
	Assistant Engineers:			
	E. W. Pattison, salary $150, expenses $44; E. H. Verner, salary $945, expenses $219.28			
	Pay-lists, labour and team-work, $17,815.06			
	Miscellaneous:			
	Abbotsford Hardware Co., $4.80; Abbotsford Lumber Co., $45.27; Agent Dominion Lands, $40; J. Bennett, $5; O. Bowman, $83.80; B.C. Elec. Rly. Co., Ltd., $27.50; B.C. Telephone Co., Ltd., $12.85; Can. Cons. Rubber Co., $79.23; Can. Pac. Rly. Co., $89.46; J. Cannon, $44.50; G. C. Carter, 50c.; L. L. Chadsey, $6.85; Clarke & Stuart Co., $2.50; B. H. Compeau, $3; Creamery Store, $7.70; M. Cunningham, $10.50; Empress Garage, $4.74; G. Forbes, $2.50; Goodyear Tire & Rubber Co., Ltd., $251.10; Grant Store, $7; Grant Smith & Co., $6.90; W. B. Hipkoe, 75c.; Ironside & Nicholson, $3.50; H. Jefferson, $5; King's Printer, $1.80; H. P. Knoll, $3.35; S. Kravoski, $3.50; J. F. Martin, $34; Menzies Hardware Co., $60.65; J. P. Murphy, $2.50; W. Murray, $2.90; Mussons, Ltd., $30.45; L. McCarthy, $10.50; A. McKinley, $5; J. W. McKinley, $3.20; McLennan, McFeely Co., Ltd., $2.78; E. Nascon, $4.80; 100-Mile House, $5; P.G.E. Rly. Co., $117.36; R. C. Patterson, $4.50; postage, $1; Ridley Kennedy Co., Ltd., $23.16; Rockwell Theal Co., $45.20; Semple & Semple, $1.25; Service Garage, $2.49; Sumas Hardware Co., 80c.; U.S. Fidelity & Guarantee Co., $20; W. E. I. Walters, 50c.; Westminster Trust Co., $12; B. Wright, $6.50	$ 20,323 48		
	Bridges:			
	Maintenance and Repairs:			
	Pay-lists, labour and team-work, $9,700.52			
	Carried forward	$ 20,323 48	$131,103 23	$ 244,716 29

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF PUBLIC WORKS—*Continued.*			
194.	ROADS, STREETS, BRIDGES, AND WHARVES—*Continued.*			
	Chilliwack District—Concluded.			
	Brought forward	$ 20,323 48	$131,103 23	$ 244,716 29
	Bridges—*Concluded.*			
	Maintenance and Repairs—*Concluded.*			
	Miscellaneous:			
	C. Anderson, $5.50; Anderson & Lusby, $22.50; E. Archibald & Son, $10.10; T. Bonnycastle, $5; O. Bowman, $38.05; J. B. Bright, $24; B.C.E. Rly. Co., Ltd., $23.15; Brunette Saw Mill Co., Ltd., $1,911.86; Chilliwack Tel. Co., Ltd., 35c.; H. H. Collinson, $177.47; Cooper, Seldon Co., $2.55; G. Cooper, $148.80; C. Dolman, $28.42; E. Farr, $2.15; J. Fleming, $1.50; Galbraith & Sons, $328.60; L. Grand, $12; S. Hall, $6.50; E. W. Jay, $2.50; R. T. MacEwan, $10.55; Macken-Knight Lumber Co., $75.10; J. Malott, $20; Menzies Hardware Co., $123.30; McLennan, McFeely & Co., Ltd., $198.87; D. Nicol, $89.84; E. O. Patterson, $47.10; J. G. Redpath, 60c.; J. P. Robertson, $234.86; Rockwell, Theal & Davidson, Ltd., $28; Ross & Howard Iron Works Co., Ltd., $8.80; J. Teskey, $114.58; L. Tremayne, 50c.; Vancouver Daily Sun, $3.45; G. Wilkinson, $6		13,413 07	
	Wharves:			
	Maintenance and Repairs:			
	Miscellaneous:			
	W. McGrath, $21; E. O. Patterson, $26.88.....		47 88	
	Protection of River-banks:			
	Vedder River:			
	Anderson & Lusby, $34.18; Belyea & Co., Ltd., $15; F. Blanchard, $2; O. Bowman, $82.50; J. B. Bright, $26; B.C. Drafting & Blue Print Co., $6; B.C. Elec. Rly. Co., Ltd., $121.32; B.C. Telephone Co., Ltd., $6.08; Brown, Fraser & Co., Ltd., $105; Can. Explosives, Ltd., $119.93; Can. Junk Co., $431.68; C.N. Rly. Co., $12.83; H. H. Collinson, 80c.; R. H. Compeau, $7; D. S. Curtis & Co., $1.35; U. Z. B. Cusack, $54.35; Denmark & Burton, $53.75; Dominion Blue Print Co., $1.65; A. E. Dunville, $73.50; Gervan Hardware Co., $10.50; L. Grand, $29.55; H. S. Griffith, $7.50; B. Holmes, $9; G. J. Jeffrey, $7.50; F. C. Kickbush, $74.16; A. Langstaff, 90c.; Meadowbrook Creamery, $30; Menzies Hardware Co., $1,024.85; Merchants Cartage Co., $7.50; G. C. Morris, $10; R. T. McEwan, $554.75; McLennan & McCarter, Ltd., $9.05; McLennan, McFeely & Co., Ltd., $208.71; Parsons & Nelmes, $13; R. C. Patterson, $58.86; H. Peppard, $82.50; postage, 50c.; A. Rexford, $20; Rockwell, Theal & Davidson, Ltd., $99.85; Rosebank Lime Co., $10; Semple & Semple, $9; Slade & Co., $60; H. Stewart, $5; H. F. Webb, $103.40; pay-lists, $17,967.27			
		$21,568 27		
	By cash	5,051 00		
			16,517 27	
	Total expenditure, Chilliwack District		50,301 70	
	Carried forward		$181,404 93	$ 244,716 29

No. of Vote.	SERVICE.		Expended.
	DEPARTMENT OF PUBLIC WORKS—*Continued.*		
194.	ROADS, STREETS, BRIDGES, AND WHARVES—*Continued.*		
	Brought forward	$181,404 93	$ 244,716 29
	Columbia District.		
	Roads and Streets:		
	Maintenance and Repairs:		
	Assistant Engineer, J. C. Brady, salary $1,860, expenses $574.35		
	Pay-lists, labour and team-work, $15,126.31		
	Miscellaneous:		
	I. Alton, $387.66; J. A. Anderson, $246.67; N. N. Bentley, $48.16; Can. Cons. Rubber Co., $48.02; Can. Explosives, Ltd., $436.79; C.P.R. Co., $123.42; Col. River Lbr. Co., $124.35; C.V. Irr. Fruit Lands, $96; J. W. Conner, $18.75; J. Dilworth, $14.85; Dom. Gov. Telegraphs, $39; Golden Light, Power & Water Co., $55.20; Govt. Agent, Golden, $40; A. C. Hamilton, $110.01; Imperial Oil Co., $89.30; Invermere Conctr., $176.25; Invermere Garage, $19.05; F. Jeune & Bro., $354.16; Jones & Rant, $374.78; King's Printer, $60.29; J. B. Lamontaigne, $25; A. Larson, $12.35; H. G. Macdonald, $1.40; T. Mercier, $22.90; A. S. Moore, $50; H. R. Moodie, $1.20; J. McHattie, $131.73; C. C. McKay, $3.60; J. L. McKay, $25.70; Natl. Motor Co., $13.55; B. S. Palmer, $5; H. G. Parson, Ltd., $6.30; B. Paul, $200; postage, $15; F. Richardson, $6; D. R. Rolston, $99.35; E. W. Sellintin, $3; A. D. Soles, $100; R. H. Soles, $5; J. Sylvester, $26; E. Tunnacliffe, $8.69; C. A. Warren, $168.35; Wilmer Merc. Co., $85.15	$ 21,438 64	
	Bridges:		
	Maintenance and Repairs:		
	Pay-lists, labour and team-work, $11,858.31		
	Miscellaneous:		
	J. A. Anderson, $50.30; J. Banks, $2.70; J. C. Brady, $2.75; I. Burch, $4.85; C.P. Rly. Co., $87.50; L. Clark, $6; Columbia River Lumber Co., $54.95; Columbia Valley Irrigated Fruit Lands, $34.40; E. T. Cooper, $7.50; Department of Public Works (Dom.), $30; J. Dilworth, $108.76; Elec. Blue Print and Map Co., $5.30; A. E. Fisher, $16.95; Golden Light, Power, and Water Co., $36; D. Grainger, $42; A. C. Hamilton, $9.25; Heaps & Sons, $1,390; Imperial Oil Co., Ltd., $18.04; Invermere Contracting Co., $580.65; H. G. Macdonald, $4; F. R. Macdonald, $36.35; T. Mercier, $3; H. Munson, $3; A. H. MacCarthy, $10; J. McHattie, $64.50; C. Nicholson, $3; H. G. Parson, Ltd., $22.38; postage, $2.50; Ross & Howard Iron Wks. Co., $1,770.36; F. M. Smith, $75.20; E. Tunnacliffe, $107.14; C. A. Warren, $11.20; Wilmer Mercantile Co., Ltd., $47.70; A. Wolfenden, $1.80	16,508 34	
	Protection of River-banks:		
	Kicking Horse River:		
	J. A. Anderson, $148.14; J. Blysack, $205.60; J. C. Brady, $2.43; Can. Explosives, Ltd., $108.64; C.P.R. Co., $2,494.68; A. Choquette, $25; Columbia River Lumber Co., $1,399.84; Congdon, Campbell & Meredith, $350; J. W. Conner, $325.80; Electric Blue Print & Map Co., Ltd., $5.30; W. Fleming, $8.65; W. J. Gould, $64; A. C. Hamilton, $1,079.88;		
	Carried forward	$ 37,946 98	$181,404 93 $ 244,716 29

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF PUBLIC WORKS—*Continued.*			
194.	Roads, Streets, Bridges, and Wharves—*Continued.*			
	Columbia District—Concluded.			
	Brought forward		$ 37,946 98	$181,404 93 $ 244,716 29
	Protection of River-banks—*Concluded.*			
	Kicking Horse River—*Concluded.*			
	J. W. Hartley, $2.50; S. High, $33.50; R. K. Houlgate, $75; D. P. Kimpton, $633; T. King, $1,021; G. Lafontain, $308; J. McHattie, $206.35; H. S. McRae, $132; O. Oberg, $555; T. Pagliaro, $2.70; A. Pagliaro, $204; H. G. Parson, Ltd., $578.35; J. Porrit, $5.50; D. R. Rolston, $67.05; Simson, Balkwill & Co., $347.60; F. M. Smith, $39.78; G. A. Storrar, $50; Taylor, Mayers, Stockton & Smith, $3,041.45; C. A. Warren, $186.95; W. Wenman, Sr., $4; J. T. Wood, $34.05; Wood, Vallance & Leggat, $351.13; P. Yoric, $226.40; pay-lists, $16,800.01	$31,107 15		
	By cash	11,500 00		
		$19,607 15		
	Toby Creek Dam:			
	Invermere Construction & Supplies, $52.60; Invermere Contracting Co., $66.85; pay-lists, $493.78	613 20		
			20,220 35	
	Total expenditure, Columbia District			58,167 33
	Comox District.			
	Roads and Streets:			
	Maintenance and Repairs:			
	Assistant Engineers:			
	W. A. Richardson, salary $117.12, expenses $30; H. E. Stevens, salary $1,801.50, expenses $724.94			
	Stenographers:			
	J. M. Tully, $65; H. Whyte, $685.65			
	Pay-lists, labour and team-work, $33,058.99			
	Miscellaneous:			
	B. R. Allen, $16.80; A. B. Ball, $6; W. Bridges, $35; Booth & Sons, $162.50; B.C. Telephone Co., Ltd., $95.15; Brooks-Bidlake Co., $12.80; A. Burnett, $35.52; Campbell River Trading Co., $22.52; Can. Collieries (D.), Ltd., $13; Can. Explosives, Ltd., $10.22; Can. Fairbanks-Morse Co., $124.26; C.P.R. Co., $13.70; C.P.R. Tel., 26c.; City of Courtenay, $14.40; A. Cleland, $2.50; E. T. Cliffe, $7.05; Comox Argus, $4.75; Comox Logging & R. Co., $4.50; W. N. Copeland, $24.50; Courtenay Garage, $542.33; Courtenay Review, 25c.; Courtenay Vulcanizing Works, $3.50; R. Creech, $7.50; D. R. Dawson, $4; A. G. Deighton, $10.30; Dom. Express Co., $15; Dom. Govt. Telegraphs, $49.81; Dunlop Tire & Rubber Co., $200; Electric Blue Print & Map Co., $44.25; E. C. Emde, $1,388.62; E. G. Emery, $1.90; E. & N. Rly. Co., $57.63; J. Fletcher, $3; J. Forbes, $14; W. S. Fraser & Co., Ltd., $125.03; Fraser & Bishop, $4.45; Fraser & Horne, $53.95; A. S. Grant, $22.56; Grantham Saw Mill Co., $44.23; H. Grieve, $247.50; R.			
	Carried forward		$239,572 26	$ 244,716 29

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF PUBLIC WORKS—*Continued.*			
194.	ROADS, STREETS, BRIDGES, AND WHARVES—*Continued.*			
	Comox District—Continued.			
	Brought forward		$239,572 26	$ 244,716 29
	Roads and Streets—*Concluded.*			
	Maintenance and Repairs—*Concluded.*			
	Miscellaneous—*Concluded.*			
	Grieve, $85.30; Gwilt Lumber Co., $142.29; G. Hardy, $68.75; Imperial Oil Co., Ltd., $73.55; Jones & Rant, $177.17; A. R. Kierstead, $3.50; King's Printer, $64.41; G. Leighton, $37.90; J. C. Marley, $15; H. Martin, $15; S. M. Maysmith, $35.85; Mitchell & Hembroff, $310.88; Mussens, Ltd., $125.15; McArthur & Co., $53.96; McKenzie & Son, $239.85; McLennan, McFeely & Co., $55.85; A. McLeod, $14; R. McQuillan, $27.05; T. Pearse, $5; T. Plimley, $75.40; postage, $76.22; Powell River Co., $52.90; Prior & Co., Ltd., $42.30; Provincial Police, $30; Quathiaski Canning Co., $2.90; Restmore Mfg. Co., $57.90; Robertson & Partners, $324.55; Rushton Garage, $173; Sampson Motor Co., $4.50; Sidney Trading Co., $13.15; Sigmore Motor Co., $9.02; R. J. Smith, $35; T. R. Smith, $32.55; Sointula Co-op. Stores, $8.55; Tarbell & Son, $93.81; J. Thomson, $119.13; Thulin Bros., $17; Tsolum River Lumber Co., $54; Tweedie Saw Mill, $18.48; Union Steamship Co., $1.80; J. K. Urquhart, $218.56; W. Willard, $2.75; C. S. Wood, $11.01; Wood, Vallance, & Leggat, Ltd., $6.65	$42,960 03		
	By cash	135 00	$ 42,825 03	
	Bridges:			
	Maintenance and Repairs:			
	Pay-lists, labour and team-work, $13,076.48			
	Miscellaneous:			
	A. B. Ball, $27.90; Brooks-Bidlake Cedar Co., $4.80; Campbell River Trading Co., $3.20; Can. Collieries, Ltd., $10.85; Can. Fairbanks-Morse Co., $12.55; Carter Bros. Lumber Co., $168.15; Courtenay Review, $10; A. G. Deighton, $16.70; E. C. Emde, $9.65; W. S. Fraser & Co., $81.92; Grantham Saw Mill Co., $585.43; Gwilt Lumber Co., $289.11; G. Leighton, $60.90; Loggie Bros., $8.50; W. T. McArthur & Co., $2.02; J. W. McKenzie & Son, $143.75; A. McLauchlin, $60; R. McQuillan, $36.50; Nanaimo Free Press, $27.55; Piercy's Sawmill Co., $4.08; Robertson & Partners, $8,407; H. O. Sacht, $61.24; Shepherd & Co., $5.10; W. Sutliff, $24; C. H. Tarbell, $291.43; Times P. & P. Co., $108.40; Union S.S. Co., $2; J. K. Urquhart, $876.98; Van. Daily Province, $46.80; Van. Daily Sun, $161.25; C. S. Wood, $3.50; Wood, Vallance & Leggat, $42.66		24,670 42	
	Wharves:			
	Denman Island Wharf ($2,466.73):			
	Maintenance and Repairs:			
	Pay-list, labour and team-work, $743.24			
	Miscellaneous:			
	C.P.R. Co., $3.85; W. Carter, $10; Denman Island Mill Co., $870.85; P. J. Doheny, $6.97;			
	Carried forward		$ 67,495 45	$239,572 26 $ 244,716 29

No. of Vote.	SERVICE.	Expended.		
	DEPARTMENT OF PUBLIC WORKS—*Continued.*			
194.	ROADS, STREETS, BRIDGES, AND WHARVES—*Continued.*			
	Comox District—Continued.			
	Brought forward	$ 67,495 45	$239,572 26	$ 244,716 29
	Wharves—*Continued.*			
	Denman Island Wharf—*Concluded.*			
	Maintenance and Repairs—*Concluded.*			
	Miscellaneous—*Concluded.*			
	Forest Branch, $2.06; Fraser & Horne, $10.55; A. Graham, $36; W. T. McArthur & Co., $143.95; J. W. McKenzie & Son, $16; R. McQuillan, $62.04; J. W. Piercy, $452.32; C. H. Tarbell, $5.25; Thulen Bros., $75; J. K. Urquhart, $24.40; J. Wood, $4.25			
	Hornby Island Wharf ($3,506.03):			
	Maintenance and Repairs:			
	Pay-list, labour and team-work, $1,676.87			
	Miscellaneous:			
	W. Bodin, $76.50; P. J. Doheny, $2.15; Fraser & Horne, $27.20; A. Graham, $85; W. T. McArthur & Co., $96.90; J. W. McKenzie & Son, $48.50; R. McQuillan, $4.20; J. W. Piercy, $418; W. W. Scott, $2.50; C. H. Tarbell & Son, $36.40; S. Swan, $18; J. K. Urquhart, $1,013.81			
	Quathiaski Cove Wharf ($2,726.66):			
	Maintenance and Repairs:			
	Pay-lists, labour and team-work, $1,238.55			
	Miscellaneous:			
	B. Assu, $72.40; Courtenay Saw Mill, $703.93; Dom. Govt. Telegraphs, $2.74; J. Labby, $65.25; W. T. McArthur & Co., $81.46; I. Paul, $10; C. Peterson, $37.50; Pidcock Bros., $280.98; Quathiaski Can. Co., $109.70 W. P. Schoeppe, $28.90; Thulin Bros., $75; J. Wallace, $20.25			
	Manson's Landing Wharf ($1,690.64):			
	Maintenance and Repairs:			
	Pay-list, labour and team-work, $942.91			
	Miscellaneous:			
	C. I. Allen, $10; K. Atagi, $3; Imperial Oil, Ltd., $32.13; J. W. Piercy, $378.95; G. Pidcock, $10; M. E. Smith, $255; N. Thompson, $8.65; Thulin Bros., $50			
	Mary Island Wharf ($1,585.87):			
	Maintenance and Repairs:			
	Pay-lists, labour and team-work, $1,023.50			
	Miscellaneous:			
	J. Milne, $6.36; Quathiaski Canning Co., $47.55; Thulin Bros., $440; Wood, Vallance & Leggat, $68.46			
	Minstrel Island Float ($47):			
	Maintenance and Repairs:			
	Miscellaneous:			
	W. Barton, $15; Nor. Mills & Lbr. Co., $2; H. Wilding, $15; C. H. Wiles, $15			
	Salmon River Wharf ($1,228.30):			
	Maintenance and Repairs:			
	Pay-lists, labour and team-work, $809.50			
	Miscellaneous:			
	Bendickson Logging Co., $6; E. T. Cliffe, $3.90; J. Grondin, $199.05; Quathiaski Can. Co., $3; H. O. Sacht, $24.35; W. A. Milne, $32.50; Thulin Bros., $150			
	Carried forward	$ 67,495 45	$239,572 26	$ 244,716 29

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF PUBLIC WORKS—*Continued.*			
194.	ROADS, STREETS, BRIDGES, AND WHARVES—*Continued.*			
	Comox District—Concluded.			
	Brought forward	$ 67,495 45	$239,572 26	$ 244,716 29
	Wharves—*Concluded.*			
	Wharf Plant (Repairs to Pile driver) ($252.94):			
	Maintenance and Repairs:			
	Pay-lists, labour and team-work, $19			
	Miscellaneous:			
	A. B. Ball, $2.85; Can. Fairbanks-Morse Co., $100.13; Elec. B.P. & Map Co., $5.65; J. W. McKenzie & Son, $3.25; Quathiaski Can. Co., $64.74; C. H. Tarbell & Son, $29.95; Urquhart's Sawmill, $27.37	13,504 17		
	Total expenditure, Comox District		80,999 62	
	Cowichan District.			
	Roads and Streets:			
	Maintenance and Repairs:			
	Assistant Engineer, H. C. Mann, salary $450, expenses $179.84			
	Stenographers:			
	J. M. Tully, $65; R. H. Wilson, $127.40			
	Pay-list, labour and team-work, $14,268.49			
	Miscellaneous:			
	R. Adams, $2.70; Anderson & Son, $2; T. P. Barry, $37.20; A. S. Barton, $8.20; B.C. Tel. Co., Ltd., $77.10; W. Cheal, $3.40; City of Duncan, $4; Cowichan Merchants, $223.32; D. Daniels, $13.70; W. E. Donald, $11.70; E. D. Dougan, 80c.; W. Dougan, $4.60; W. Dry, $26.50; Duncan Garage, $296.05; D. E. Dye, $4.50; E. & N. Rly. Co., $94.56; J. Evans, $115.70; W. Forrest, $3.50; Frank Johnny, $6.30; C. Gaisford, $2; Grassie & Son, $12.80; H. W. Halpenny, $3.50; G. A. Harris, $34.50; J. Haslam, $7; D. R. Hattie, $13.50; M. Hearn, $7; R. S. Henderson, $27; W. L. Henderson, $17.60; Highland Lbr. Co., $74.68; Hillcrest Lbr. Co., $13.84; A. Hollings, $10; H. Hollings, $3; H. Hutchinson, $37.35; Jameson, Rolfe & Willis, $6.67; Joe Duncan, $9.40; Johnny Pulquaylum, $6.40; Johnny Williams, $16; Kingsley Bros., $11.15; King's Printer, $20.66; C. M. Lamb, $5.25; J. Marsh, $145.43; H. W. May, $2.50; A. Mayea, $37.30; P. Michelin, $3.40; McLay Sawmill, $14.40; J. McPherson, $2.40; E. P. Phillip, $1.50; postmaster, $39.40; Reliable Transfer Co., 50c.; W. Ryan, $8; Sammy James, $13.30; Scott & Peden, $5.95; E. Shearing, $7.90; J. Spears, $1; Stelly & Geiger, $4; E. Stock, $1; W. Thomson, $5.40; L. Underwood, $8.90; S. White, $2.50; M. Wood, $16.60; T. V. Wylie, $5	$ 16,686 24		
	Bridges:			
	Maintenance and Repairs:			
	Pay-lists, labour and team-work, $3,863.24			
	Miscellaneous:			
	B.A. Mills & Timber Co., $131.08; Chief Joe (Indian), $21; Cowichan Leader Co., $5.25; Cowichan Merchants, Ltd., $155.76; B. W. Devitt, $17.20; E. D. Dougan, $1.10; M. N. Douglas, $3.60; J. Duncan (Indian), $3.50;			
	Carried forward	$ 16,686 24	$320,571 88	$ 244,716 29

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF PUBLIC WORKS—*Continued.*			
194.	ROADS, STREETS, BRIDGES, AND WHARVES—*Continued.*			
	Cowichan District—Concluded.			
	Brought forward	$ 16,686 24	$320,571 88	$ 244,716 29
	Bridges—*Concluded.*			
	Maintenance and Repairs—*Concluded.*			
	Miscellaneous—*Concluded.*			
	R. Dunn & Co., $323.98; M. Elliott, $4; J. Evans, $6.50; Genoa Bay Lumber Co., $21.13; R. Grassie & Son, $12; H. W. Halpenny, $4.90; R. S. Henderson, $140.59; Hillcrest Lumber Co., $219; W. B. Lathrop, $51.68; R. J. Manley, $7.80; Abe Mayea, $1.80; McLay Sawmill, $94.91; W. Ryan, $16; Scott & Peden, $8.15; J. Spears, $17.50; W. Thomson, $7.75; R. H. Whidden, $1	5,140 42		
	Wharves:			
	Maple Bay Wharf:			
	Maintenance and Repairs:			
	Pay-lists, labour and team-work, $330.75			
	Miscellaneous:			
	Cowichan Merchants, Ltd., $10.90; Genoa Bay Lbr. Co., $113.76; R. Grassie & Son, $24.25; H. W. Halpenny, $5.85; A. Jack, $4; Scott & Peden, $9.50	499 01		
	Total expenditure, Cowichan District		22,325 67	
	Cranbrook District.			
	Roads and Streets:			
	Maintenance and Repairs:			
	General Foreman, J. H. Hutchcroft, salary $315, expenses, $38.25			
	Pay-lists, labour and team-work, $25,105.24			
	Miscellaneous:			
	D. Baird, $7; P. Bean, $33.45; Beattie-Murphy Co., $3.40; R. Beeman, $11.75; M. J. Bonner, $10.36 Can. Cons. Rubber Co., $48.02; Can. Explosives, Ltd., $11.71; C.P.R. Co., $385.86; C.P.R. Telegraphs, $1.25; R. C. Carr, $96.75; E. T. Cooper, $82.80; P. Conrad, $20; Cranbrook Sash and Door Co., Ltd., $190.25; Crow's Nest Pass Lbr. Co., Ltd., $111.51; J. G. Cummings, $1.25; J. F. Deacon, $12; F. Dezall, $14.50; Dominion Express Co., $10.43; W. F. Doran, $68.70; Fink Merc. Co., Ltd., $41.15; Fort Steele Garage Co., $36.85; Hanson Garage, $189.30; Imperial Oil, Ltd., $99.85; Kershaw & Son, $5.50; G. J. Kenney, $156.80; W. Lamb, $35; W. H. Laird, $41; J. Lawson, $12; F. LeClerc, $5.10; E. A. Lythgoe, $34.60; J. A. Macdonald, $45.50; A. Mellor, $9.50; A. A. MacKinnon, $14; J. D. McBride, $59.97; J. McKay, $3.25; McLeod & Harrison, $106.10; Otis Staples Lbr. Co., Ltd., $157.29; C. S. Parker, $142.09; Parkin & Mark, $237.95; F. Parks & Co., $972.66; T. N. Parrett, $25.25; Preston Car & Coach Co., $170; Riley & Larson, $2.50; D. Ringburg, $9; G. Sadler, $53; H. L. Sawyer, $15; R. A. Smith, $3; Sullivan's Quick Print, $31.50; T. Summers, $6.75; E. J. Sylvester, $381; J. Venus, $6.50; Waldo Merc. Co., $2.80; H. Weir, $12.24; J. Whitehead, $22.28; J. Wilson, $12.70; W. Woodland, $10; W. E. Worden, $67.25	$ 29,815 71		
	Carried forward	$ 29,815 71	$342,897 55	$ 244,716 29

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MAR 19 1921

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF PUBLIC WORKS—*Continued.*			
194.	ROADS, STREETS, BRIDGES, AND WHARVES—*Continued.*			
	Cranbrook District—Concluded.			
	Brought forward	$ 29,815 71	$342,897 55	$ 244,716 29
	Bridges:			
	Maintenance and Repairs:			
	Pay-lists, labour and team-work, $6,006.73			
	Miscellaneous:			
	A. L. Bernhardt, $1.60; I. Burch, $1.35; S. Cadeau, $3; C.P.R. Co., $11.31; L. Clark, $4; Consolidated Mining and Smelting Co., $14; Cranbrook Sash and Door Co., Ltd., $67.03; F. Dezall, $175.95; Dominion Express Co., $1.45; East Kootenay Lbr. Co., Ltd., $140.59; Fort Steele Trading Co., Ltd., $20.50; Paul Handley, $10; A. D. Horseman, $40; B. Lundeen, $24.06; F. R. Macdonald, $5; A. A. MacKinnon, $96.56; Mussens, Ltd., $211.20; J. D. McBride, $99.18; Otis Staples Lbr. Co., Ltd., $11.83; C. S. Parker, $18.46; F. Parks & Co., $473.20; T. N. Parrett, $41.30; Ross & Howard Iron Works, Ltd., $268.71; H. L. Sawyer, $4; H. B. Smith, $5; J. Whitehead, $43.40; W. E. Worden, $23.37	7,822 78		
	Total expenditure, Cranbrook District		37,638 49	
	Delta District.			
	Roads and Streets:			
	Maintenance and Repairs:			
	Assistant Engineer, E. H. Verner, salary $673.07, expenses $219.65			
	Pay-lists, labour and team-work, $12,710.07			
	Miscellaneous:			
	A. R. Anderson, $11.55; Anderson & Lusby, $6.95; W. S. Barton, $50; Begg Motor Co., $577.68; Belyea & Co., Ltd., $7.50; G. A. Boothroyd, $22.50; B.C. Elec. Rly. Co., Ltd., $81.39; B.C. Telephone Co., Ltd., $22.42; J. J. Brown, $125.98; Brunette Saw Mill Co., $64.19; Burr & Co., $8.49; Burrows & Son, $12.73; Campbell's Storage, $5; Can. Junk Co., $4; Central Garage, $3.45; Columbia Garage, $9.71; Columbian Co., $3; Corp. of Delta Mun., $2,000; Corp. of Langley District, $115.25; D. D. Cullen, $15; S. J. Davison, $92; A. Dinsmore, $174.93; J. Dobson, 65c.; Galbraith & Sons, $4; J. Gibbon, $10.25; Goodyear Tire & Rubber Co., Ltd., $251.10; Grain Growers, $125; G. L. Hanna, $1.10; W. Harris, $31.10; D. S. Hennessy, $88; Imperial Oil, Ltd., $21.95; H. Johnson, $4.25; J. Keeny, $72.80; J. B. Loney, $204.68; Maritime Motor Car Co., $340.65; G. Morrison, $249.70; W. Murray, 40c.; C. McAllister, $92.63; McLean Lumber Co., $2.85; E. Nascon, $31.52; F. Olson, 60c.; Pacific Welding Co., $1.25; H. V. Parr, $292.25; E. W. Pattison, $28.05; D. W. Poppy, $47.80; G. Porter, $15.25; P. Y. Porter, $100.30; postage, $6.25; Provincial Police, $65; Ridley-Kennedy Co., Ltd., $51.17; T. H. Robertson, $90.65; Royal Stand. Grain Products, $85.28; H. Ryall, 85c; Service Garage, $24.40; Shannon			
	Carried forward		$380,536 04	$ 244,716 29

No. of Vote.	SERVICE.		Expended.
	DEPARTMENT OF PUBLIC WORKS—*Continued.*		
194.	ROADS, STREETS, BRIDGES, AND WHARVES—*Continued.*		
	Delta District—Concluded.		
	Brought forward	$380,536 04	$ 244,716 29
	Roads and Streets—*Concluded.*		
	Maintenance and Repairs—*Concluded.*		
	Miscellaneous—*Concluded.*		
	Bros., $126.65; O. Thielen, $19.40; T. J. Trapp & Co., Ltd., $95.06; Van. Daily Sun, $2.25; Westminster Trust Co., $8; H. Williams, $9.25; M. E. Wilson, $2.70	$ 19,621 55	
	Bridges:		
	Maintenance and Repairs:		
	Pay-lists, labour and team-work, $210.61		
	Miscellaneous:		
	Anderson & Lusby, $14.20; Dominion Shingle Co., $260.40; S. B. Fleming, $3; Galbraith & Sons, $202.70; Gilley Bros., $318; A. Grant, $1; Lanning, Fawcett & Wilson, $9.80; Mun. of Surrey, $2,000	3,019 78	
	Total expenditure, Delta District		22,641 33
	Dewdney District.		
	Roads and Streets:		
	Maintenance and Repairs:		
	General Foreman, P. Wylie, salary $1,800, expenses $561.39		
	Pay-lists, labour and team-work, $27,094.56		
	Miscellaneous:		
	Abbott & Abbott, $27.95; Abernethy & Lougheed, $7.50; Anderson & Lusby, $137.86; H. Asson, $5; Belyea & Son, $13.25; Bennett's Transfer, $21; Big G Auto Service, $12; C. Boyd, $47; Brackman-Ker Milling Co., $162; G. W. Brewster, $11.05; B.C. Refining Co., Ltd., $517.18; B.C. Telephone Co., Ltd., $40.82; Brunette Saw Mill Co., Ltd., $3.66; Burke & Wood, Ltd., 75c.; Burr & Co., $2; Campbell's Storage, $15; Can. Cons. Rubber Co., $43; Can. Explosives, Ltd., $60.08; Canadian Junk Co., $28; Can. Pac. Rly. Co., $58.51; J. Cannon, $970.23; Clarke & Stuart Co., $2.55; G. Cunningham, $1; D. S. Curtis & Co., 75c.; T. E. Cutler, $19; Dewdney Trading Co., $25.40; Dominion Creosoting & Lumber, Ltd., $493.06; Eagle Junk Co., $13.75; Eaton & Co., Ltd., $5.05; H. T. Edmonds, $2.50; R. Erskine, $20.80; Evans, Coleman & Evans, $4.80; False Creek Transfer, $7.50; N. C. Fraser, $1; S. M. Gibbs, $64.50; Gilley Bros., $1,536.04; A. Graham, $1.35; D. Graham, $3.25; Grant, Smith & Co., $474.70; H. Harper, $6.20; Hargitt Bros., 75c.; J. F. Harris, $13.88; W. Harrison, $5; Heaps Timber Co., $1.30; Hill, Ltd., $58.70; Imperial Oil, Ltd., $108; Ioco General Store, 90c.; W. R. Jaynes, $15; King's Printer, $12.53; Kloepfer Hardware Co., $1; A. C. Ling, $1.85; A. C. Little, $1.25; H. T. Lock, $13.50; Mainland Navigation Co., Ltd., $3.80; Maple Ridge Lumber Co., $440.10; Maritime Motor Car Co., $600.74; Matsqui Hotel, $7.50; Mission District		
	Carried forward	$403,177 37	$ 244,716 29

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF PUBLIC WORKS—*Continued.*			
194.	ROADS, STREETS, BRIDGES, AND WHARVES—*Continued.*			
	Dewdney District—Continued.			
	Brought forward		$403,177 37	$ 244,716 29
	Roads and Streets—*Concluded.*			
	Maintenance and Repairs—*Concluded.*			
	Miscellaneous—*Concluded.*			
	School Board, $10; Mission Garage, $141.37; Monarch Towing & T. Co., $75; W. A. Moore, $14.10; A. Mowat, 50c.; McArthur & Co., Ltd., $16.22; F. H. McGrath, $1.28; D. C. McLaren, $7.75; A. McLean, $4.50; McLennan, McFeely & Co., Ltd., $564.37; A. McNutt, $2.50; C. S. Parker, $13; H. V. Parr, $1.75; postage, $11; Provincial Police, $10; Reddcliff Bros., $32.50; I. A. Reid, $2; Reynolds Timber Co., $91.49; Ridley Kennedy, Ltd., $276.94; Serim Lumber Co., Ltd., $7.80; Simson, Balkwill Co., Ltd., $15.50; Star Ship Yard Co., $179.05; Stiles & Towell, $105; W. Storey, $3.90; M. A. Thornton, $3.75; T. J. Trapp & Co., Ltd., $181.50; H. Whiteside, $1; Wolf & Olson, $28.80; Wood, Vallance & Leggat, Ltd., $33.72	$37,445 08		
	By cash	10,000 00		$ 27,445 08
	Bridges:			
	Maintenance and Repairs:			
	Pay-lists, labour and team-work, $6,882.16			
	Miscellaneous:			
	G. R. Amess, $2; C. Anderson, $81.89; Anderson & Lusby, $12.96; Apex Lumber Co., $1,231.71; Bain & Bloomfield, $714.72; Big G Auto Service, $10; M. Bouchir, $886.50; B.C. Telephone Co., $18.45; Brunette Sawmill Co., $24.19; Can. Pac. Rly. Co., $62.88; Can. Western Lumber Co., $40.32; J. Cannon, $79.25; C. F. Chamberlayn, $5.30; City of Port Coquitlam, $30; S. Collins, $3.50; L. T. Cooper, $5.25; Coquitlam Hardware Co., $22.95; T. E. Cutler, $23.10; L. Deen, $3.55; Dewdney Trading Co., $54.70; Dominion Blue Print Co., $1; Dominion Express Co., 80c.; S. Eagle, $1.50; N. C. Fraser, $4; Gilley Bros., $8.05; H. S. Griffith, $2.60; Hargitt Motors, Ltd., $10; W. Harper, $4.20; Imperial Oil, Ltd., 50c.; Maple Ridge Lumber Co., $1,022.18; Matsqui Hotel, $2.50; M. T. Meason, $46.50; W. A. Moore, $22.20; C. Moulton, $18.30; R. T. McEwan, $43; J. A. McInnes, $27.20; McLennan, McFeely & Co., $321.53; McPhalen Lumber Co., $65.04; G. C. Pye, $383; Reynolds T. S. & Ins. Agency, $162.54; Stiles & Towell, $127.50; W. Storey, $8.55; M. A. Thornton, $2.50; Western Power Co., $240; T. Wilson, $9.60; H. Windebank, $3.50	$12,733 67		
	By cash	3 70		12,729 97
	Wharves:			
	Mission Ferry Wharves:			
	Maintenance and Repairs:			
	Pay-lists, labour and team-work, $527.24			
	Carried forward		$ 40,175 05	$403,177 37 $ 244,716 29

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF PUBLIC WORKS—*Continued.*			
194.	Roads, Streets, Bridges, and Wharves—*Continued.*			
	Dewdney District—Concluded.			
	Brought forward	$ 40,175 05	$403,177 37	$ 244,716 29
	Wharves—*Concluded.*			
	Mission Ferry Wharves—*Concluded.*			
	Maintenance and Repairs—*Concluded.*			
	Miscellaneous:			
	Abbotsford T. & T. Co., $30.60; Abbott & Abbott, $3.40; F. Becott, $47; J. Cannon, $35.50; T. E. Cutler, $15.50; Gilley Bros., $8.05; Maple Ridge Lumber Co., $159.84; Monarch T. & T. Co., $100; McPhalen Lumber Co., $120.96; F. W. Solloway, $101.20; Stiles & Towell, $37.50; Vancouver Engineering Works, Ltd., $3.50	1,190 29		
	McKenney Creek Diversion:			
	Maintenance and Repairs:			
	Pay-lists, labour and team-work, $10,540.75			
	Miscellaneous:			
	Alert Mess. Service, $1; G. R. Amess, $9; Anderson & Lusby, $29.43; R. Bray, $37.50; B.C. Drafting & Blue Ptg. Co., $1.20; B.C. Tel. Co., Ltd., $1.60; R. C. Brooke, $43.20; Canadian Explosives, Ltd., $43.10; Canadian Junk Co., $15; C.P. Rly. Co., $66.69; G. G. Carduce, 30c.; S. Collins, $9; Columbian Co., Ltd., $5.60; Cox Auto Delivery, $1.50; J. M. Dale, $3.30; Dom. Blue Print Co., $1.40; Dominion Express Co., $1.40; Evans, Coleman & Evans, Ltd., $210.26; H. S. Griffith, $15; Hammond Cedar Co., Ltd., $341.40; E. W. Heard, $4.50; J. B. Laidlaw, $203; Maple Ridge Lumber Co., Ltd., $102.65; R. T. MacEwan, $64.95; G. D. Madill, $9; W. J. Marriott, $52.52; McLellan & McCarter, $718.90; McLennan, McFeely & Co., Ltd., $379.53; H. A. Newman, $2.50; Rex Shoe Store, $9.50; W. Storey, $2.40; T. H. Tracy, C.E., etc., $89.75; Twin Transfer Co., $4; Vancouver Daily Sun, $8.55; H. E. Waller, $3	$13,032 38		
	By cash	27 44		
		13,004 94		
	Total expenditure, Dewdney District		54,370 28	
	Esquimalt District.			
	Roads and Streets:			
	Maintenance and Repairs:			
	General Foremen:			
	P. J. Campbell, salary, $75; C. A. Helgesen, salary $900, expenses $121.30			
	Clerk, J. L. Bowden, $620			
	Stenographer, J. M. Tully, $88.05			
	Pay-lists, labour and team-work, $17,528.80			
	Miscellaneous:			
	J. S. A. Bastin, $5; P. Bray, $3; B.C. Elec. Rly. Co., Ltd., $66.44; B.C. Pottery Co., Ltd., $73.70; B.C. Telephone Co., Ltd., $66.95; H. R. Brown, $7.70; Can. Explosives, Ltd., $89.10; C.N. Rly. Co., $26.25; E. Clark, $3.50; Colonist P. & P. Co., Ltd., $37.50; J. Cook, $10; Cox & Perkins, $30; W. Dallimore, $56.04; E. & N.			
	Carried forward		$457,547 65	$ 244,716 29

No. of Vote.	SERVICE.		Expended.
	DEPARTMENT OF PUBLIC WORKS—*Continued.*		
194.	ROADS, STREETS, BRIDGES, AND WHARVES—*Continued.*		
	Esquimalt District—Continued.		
	Brought forward	$457,547 65	$ 244,716 29
	Roads and Streets—*Concluded.*		
	Maintenance and Repairs—*Concluded.*		
	Miscellaneous—*Concluded.*		
	Rly. Co., $96.77; Esquimalt Water Co., $11.25; Evans, Coleman & Evans, Ltd., $89.80; W. S. Fraser & Co., Ltd., $36.60; A. R. Frewing, $94.29; Hazlett & Co., Ltd., $7.25; Hickman Tye Hardware Co., Ltd., $7.70; N. Hirst, $105.50; Imperial Oil, Ltd., $446.01; F. Jeune & Bro., Ltd., $377.50; P. D. Johnston, $30.05; King's Printer, $27.21; Lemon, Gonnason & Co., Ltd., $8.17; London & Lancashire Guarantee & Accident Co., $12; W. Mable, $234.87; H. Martin, $18.50; Marvin & Co., $30.46; Masters Motor Co., $44.40; G. T. Michell, $51.75; E. & J. Milne, $188; F. S. Mitchell, $3.25; C. McCabe, $3.50; R. E. McMorran, $84.55; Painter & Son, $9.75; Pandora Sail & Tent Factory, $115.10; T. Plimley, $600.79; postage, $43; Powell & Sons, $2.12; E. G. Prior & Co., Ltd., $1.45; Provincial Police, $54; Reliable Transfer Co., 75c.; Revercomb Motor Co., $33.78; E. Roelofson, $6.30; Scott & Peden, $4.55; Shawnigan Lake Lumber Co., $81.65; H. W. Simpson, $8.75; Swannell & Noakes, $52.50; J. C. Thorn, $113.29; E. Thomas, $6; Times P. & P. Co., Ltd., $10.50; Victoria Machinery Depot, $16; C. Woodruff, $17.25	$22,995 24	
	By cash	250 00	
			$ 22,745 24
	Colwood Road:		
	Assistant Engineer, W. P. Beavan, salary $444, expenses, $60.75		
	Pay-lists, labour and team-work, $11,808.78		
	Miscellaneous:		
	R. Angus, $3; T. Atkins, $2.60; Beaver Interurban Auto Transfer, $829.19; Begg Motor Co., $10.72; B.C.E. Rly. Co., Ltd., $37.39; B.C. Pottery Co., Ltd., $12.48; B.C. Refining Co., Ltd., $2,592.40; B.C. Transport Co., $120; Canadian Explosives, Ltd., $76.76; Canadian Fairbanks-Morse, 30c.; C.P.R. Co.'s Telegraph, $301.67; Corporation of City of Victoria, $186.86; Corporation of District of North Vancouver, $95; Esquimalt Water Co., $41.20; W. S. Fraser & Co., $26.43; A. R. Frewing, $31.12; W. E. Gardner, $833; M. Gouge, $3.45; A. S. Grant, $15; G. West Junk Co., $17.50; J. Heaney, $79.50; G. H. Howell, $3.80; Hudson's Bay Co., $122.70; Imperial Oil, Ltd., $809.85; Jameson, Rolfe & Willis, $5; P. D. Johnston, $8.90; J. Kingham & Co., Ltd., $44; King's Printer, $10; Kirk & Co., $27; Lemon, Gonnason Co., Ltd., $23.49; W. Mable, $42.50; Maritime Motor Car Co., Ltd., $16.90; H. Martin, $176.60; E. B. Marvin & Co., $96.68; Modern Shoe Store, $29.70; Nag Paint Co., $9; Nanaimo Motor Transfer Co., Ltd., $7.30; N.W. Supplies, Ltd., $10; Paine &		
	Carried forward	$ 22,745 24	$457,547 65 $ 244,716 29

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF PUBLIC WORKS—*Continued.*			
194.	ROADS, STREETS, BRIDGES, AND WHARVES—*Continued.*			
	Esquimalt District—Concluded.			
	Brought forward	$ 22,745 24	$457,547 65	$ 244,716 29
	Colwood Road—*Concluded.*			
	Miscellaneous—*Concluded.*			
	McMillan, Ltd., $1.75; T. Plimley, $512.32; W. T. Pidcock, $1.50; E. G. Prior & Co., $58.28; Producers Rock & Gravel Co., Ltd., $1,500.85; Provincial Police, $10; A. C. Ralfs, $268.61; G. D. Ramsay, $9.40; Saanich Municipality, $60.06; Grant Smith & McDonnell, Ltd., $10.90; Times P. & P. Co., $42.96; Tupper & Steele, $47.50; T. J. Trapp & Co., Ltd., $14.25; Vancouver Daily Sun, $63; Vancouver Portland Cement Co., $143.70; V. & S. Rly. Co., $36.12; Victoria Machinery Depot Co., $12.50; P. K. Winch, $227.16; Yarrows, Ltd., $9.80	22,103 17		
	Bridges:			
	Maintenance and Repairs:			
	Pay-lists, labour and team-work, $4,865.04			
	Miscellaneous:			
	F. C. Barker, $694.18; H. R. Brown, $15; W. B. Charters, $455.65; Empress Construction Co., $17.10; W. S. Fraser Co., Ltd., $134.20; A. D. Hardie Co., $3.80; P. D. Johnston, $1.20; P. Jollibois, $5; B. Joseph, $22.90; Lemon, Gonnason Co., Ltd., $2.88; E. B. Marvin Co., $35.99; Nag Paint Co., $3.65; H. P. O'Farrell, $166.50; W. Phillips & Sons, $49.50; G. Powell, $30.59; E. G. Prior & Co., Ltd. Lby., $24.22; D. Sanderson, $11.75; Shawnigan Lake Lumber Co., Ltd., $25.20; J. C. Thom, $29.89	6,594 24		
	Total expenditure, Esquimalt District		51,442 65	
	Fernie District.			
	Roads and Streets:			
	Maintenance and Repairs:			
	General Foreman, L. E. McDonald, salary $1,800, expenses, $134.41			
	Pay-lists, labour and team-work, $21,315.16			
	Miscellaneous:			
	H. Barr, $10; B. L. Beech, $13.67; M. A. Berrigan, $130.88; A. Birnie, $72.60; Bull River Livery, $2.75; Can. Cons. Rubber Co., $42.14; Can. Pac. Rly. Co., $28.65; City of Fernie, $25.10; Crows Nest Pass Coal Co., $32.96; W. Dicken, $3; Dobson & Willingham, $1.80; Dom. Express Co., $3; A. Doyle, $4; Dunn Bros., $15; Duthie Co., $130.25; E. Kootenay Lumber Co., $33.34; Elk Lumber Co., $78.70; W. L. Foisy, $7.70; A. E. Ferguson, $5.50; Fernie Cartage Co., $5.25; Fernie Garage, $104.05; Fernie Iron Works, $8.25; Fernie Motor Car Co., $26.95; G. Fisher, $17; Fort Steele Garage Co., $59.15; Fort Steele Trading Co., $36.19; R. L. T. Galbraith, $5; D. Gash, $2.75; G. Geary, $25; G.N. Rly. Co., 50c.; Hanson Garage, $19.50; J. H. Hayes, $5.88; Imperial Oil, Ltd., $222.83; Jewell Lumber Co., $6.34; W. E. Johnson, $1.75; Kennedy & Mangan, $20.30; Kershaw & Son,			
	Carried forward		$508,990 30	$ 244,716 29

No. of Vote.	SERVICE.		Expended.
	DEPARTMENT OF PUBLIC WORKS—*Continued.*		
194.	ROADS, STREETS, BRIDGES, AND WHARVES—*Continued.*		
	Fernie District—Concluded.		
	Brought forward	$508,990 30	$ 244,716 29
	Roads and Streets—*Concluded.*		
	Maintenance and Repairs—*Concluded.*		
	Miscellaneous—*Concluded.*		
	$27.05; King's Printer, $10.16; Kootenay Tel. Lines, $60.60; W. J. Lamb, $5; J. Letcher, $10; J. H. Lock, $21; Minton & Bean, $214.89; Parks & Co., $27.65; postage, $2; Preston Car & Coach Co., $60; J. D. Quail, $66.25; Reliance Eng. Co., $34.39; A. Rosen, $4.50; G. Ross, $37.75; Trites-Wood Co., Ltd., $353.40; W. Woodland, $23....	$ 25,414 94	
	Bridges:		
	Maintenance and Repairs:		
	Pay-lists, labour and team-work, $9,703.61		
	Miscellaneous:		
	Adolph Lumber Co., $411.74; J. Andre, $75.60; B. L. Beech, $29.50; M. A. Berrigan, $86.96; A. Birnie, $46.25; C.P. Rly. Co., $679.06; C.P.R. Dept. of Natural Resources, $427.82; Cranbrook Herald, Ltd., $9.40; Crows Nest Pass Coal Co., $13.03; W. M. Dicken, $1; Dobson & Willingham, $35; Duthie Co., The, $336.05; M. Edmunds, $178.24; Elk Lumber Co., Ltd., $330.59; A. E. Ferguson, $350.19; Fernie Garage, $4.25; Fernie Iron Works, $94; Fernie Lumber Co., $8.32; G. Fisher, $64.80; W. L. Foisy, $21.85; Fort Steele Trading Co., Ltd., $142.34; Great Northern Rly., $70.80; W. Hawthorne, $5.35; R. Hirtz, $7.80; Imperial Oil Co., Ltd., $124.70; Kennedy & Mangan, $482.85; R. A. Kerr, $301.58; H. Kershaw & Son, $4.40; Kootenay Tel. Lines, Ltd., $17.10; B. E. Markle, $2.48; Minton & Bean, $2.35; H. Munro, $200; McGladrey Bros., $21.50; H. W. McGuire, $32; C. S. Parker, $1.06; F. Parks & Co., $227.89; W. Parnell, $7.04; J. L. D. Quail, $77.80; G. Ross, $59.90; Ross Saskatoon Lumber Co., $205.68; T. Rutledge, $3.25; Trites-Wood Co., $22.35; Times P. & P. Co., $11.20; W. Woodland, $23.10; Yahk Lumber Co., $141.91		
		$15,103 69	
	By cash	349 80	
		14,753 89	
	Protection of River-banks:		
	Fernie Annex:		
	J. Andre, $299.52; M. A. Berrigan, $99.43; Dobson & Willingham, $218.80; Duthie Co., $7.05; Fernie Cartage, $10; M. A. Kastner, $12; Kennedy & Mangan, $1.97; J. D. Quail, $1.50; M. & G. Townsend, $500; Trites-Wood Co., $4.20; pay-lists, $2,893.39		
	Approach to Fairy Creek Bridge:		
	M. A. Berrigan, $1.50		
	General:		
	A. C. Cummings, $360.05; Trites Wood Co., $10 ..	4,419 41	
	Total expenditure, Fernie District	44,588 24	
	Carried forward	$553,578 54	$ 244,716 29

No. of Vote.	SERVICE.	Expended.

DEPARTMENT OF PUBLIC WORKS—*Continued.*

194. ROADS, STREETS, BRIDGES, AND WHARVES—*Continued.*

Brought forward ..... $553,578 54 $ 244,716 29

Fort George District.

Roads and Streets:
Maintenance and Repairs:
General Foremen:
D. Menard, salary $1,200, expenses $459.95;
H. Taylor, salary $1,800, expenses $1,054.12;
J. D. Moore, salary $120.81, expenses $5.65
Stenographer, E. Williams, $400
Pay-lists, labour and team-work, $31,785.02
Miscellaneous:
E. W. Anderson, $5.50; F. Aslin, $133.72; H. G. Atkinson, $27.05; Austin Grain Co., $212.60; H. Bave, $16.95; J. E. Bateman, $455.67; W. Blair, $479; B.C. Equipment Co., $27; B.C. Express Co., $53.70; B.C. Saddlery Co., $152; M. E. Burger, $19.58; A. Callahan, $85; Canadian Express Co., $29.31; Canadian Northern Rly. Co., $20.58; City Cartage Co., $10.30; J. C. Coe, $673.65; S. F. Colebank, $2; Dickenson & Sons, $3.25; Dom. Govt. Telegraphs, $38.25; Edmonton, Dunvegan & B.C. Rly., $33.19; A. J. Engelking, $7.35; W. Erhorne, $55.72; G. Erickson, $13.50; W. G. Ferguson, $12.25; D. H. Forbes, $16.65; Fort Fraser Drug Co., $17.30; Fort George Drug Co., $10.45; C. E. Freeman, $25; C. Gage, $13.50; G.T.P. Rly. Co., $640.04; W. Grant, $4.50; Great West Saddlery Co., $68.02; T. A. Griffith, $5; W. Grimshire, $2; D. Hagerdon, $31.10; E. Hall & Son, $219.95; Hallock-Smith Co., $4.13; W. G. D. Harper, $2.50; L. Hay, $14.75; C. Hebert, $82.50; J. Hediger, $52; W. R. Henley, $1; A. Heymann, $7.50; Hudson's Bay Co., $187.95; Ingham Bros., $67.10; G. Johnson, $5; J. Johnson, $105; L. C. Johnson, $3; J. M. Johnston, $344.90; L. Johnston, $6; Jones & Rant, $1,310.36; N. C. Jorgensen, $17; J. Keener, $75; King's Printer, $8.10; W. C. Lampitt, $465.66; C. Latimer, $32.92; Leith Bros., $538.48; A. G. Lind, $16.50; Little Lumber Yards, $278.27; S. V. Littlemore, $8; G. I. Loewen, $3; J. A. Macdougall, $7; Marshall-Wells Alberta Co., $457.02; A. Martin, $4; A. Miller, $21.28; J. Munro, Ltd., $22.15; McBride Trading Co., $75.05; McCorkell Bros., $219.63; W. A. MacKeen, $267.05; G. G. Mackenzie, $37; H. Mackenzie, $242.50; D. R. McLean, $2; McRae Bros., $15; Nechako Drug Co., $19.45; Nechako Feed Stable, $70.25; Nechako Hotel, $2.50; Nechako Trading Co., $178.25; N. Nelson, $17.50; J. Norburg, $20.25; N. Lbr. & Merc. Co., $366.92; O'Hanlon-Ferguson Supply Co., $105; H. R. Olsen, $6.50; R. Orvis, $1.50; F. Palmer, $54.60; F. Parks Co., $1,532.17; H. Patnode, $25.25; E. C. Perry, $10.50; G. Poole, $5.50; W. J. Porter, $300; Pouce Coupe Trading Co., $14.25; J. Price, $1; Prince George Citizen, $1; C. E. Reeves, $21.15; R. Reid, $125.90; A. E. Rorison, $105; Rush Transfer, $24.40; J. L. Ruttan, $45; E. B. Smith, $485.97;

Carried forward ..... $553,578 54 $ 244,716 29

No. of Vote.	SERVICE.		Expended.
	DEPARTMENT OF PUBLIC WORKS—*Continued.*		
194.	ROADS, STREETS, BRIDGES, AND WHARVES—*Continued.*		
	Fort George District—Concluded.		
	Brought forward	$553,578 54	$ 244,716 29
	Roads and Streets—*Concluded.*		
	Maintenance and Repairs—*Concluded.*		
	Miscellaneous—*Concluded.*		
	F. Simar, $77; F. Stork, $5.55; G. Turnbull, $271.40; Vanderhoof Herald, $8.84; W. W. White, $70.10; G. B. Williams, $16.75; H. C. Willson, $184.71; Wilson, Parker & Bain, $87.82; A. D. Young, $40	$49,754 46	
	By bridges	1,744 15	
			$ 48,010 31
	Bridges:		
	Maintenance and Repairs:		
	Pay-lists, labour and team-work, $19,853.44		
	Miscellaneous:		
	Aleza Lake Mills, Ltd., $219.02; F. Aslin, $4; W. G. Atkinson, $60; L. Bontez, $9.42; H. Brindamour, $12; E. Cahoon, $3; A. Callahan, $12.50; Canadian Express Co., $4.40; B. Carmichael, $150; Channel Bros., $50; City of Prince George, $13.15; J. Coe, $2; D. Corless, $4.80; Dickinson & Sons, $136.11; Edmonton, Dunvegan & B.C. Rly., $12.19; Edmonton Iron Works, $150.43; G. Erickson, $23; W. G. Ferguson, $19.40; H. R. Foot, $15.25; D. H. Forbes, $14; S. Ford, $50; C. E. Freeman, $4.50; Gayer & Connelly, $4; Grand Trunk Pac. Rly., $705.51; L. Grossinger, $25; D. C. Hagerdon, $21.75; G. Henderson, $87.84; O. Hoffstrom, $182.80; H.B. Co., $62.60; Ingham Bros., $22.40; F. J. Johnston, $19; J. Johnston, $3; J. M. Johnston, $40.80; L. Johnston, $10; J. Keener, $101.45; G. Latimer, $433.68; Leith Bros., $41.60; G. Little Lumber Yards, $175.63; F. R. Macdonald, $20.08; W. A. Mackeen, $36.45; Marshall-Wells Alb. Co., $230.40; C. Murdock, $4.50; A. C. Murray, $2.70; McCorkell Bros., $11; J. McGaghran, $8; W. A. McKeen, $2.25; B. McNally, $8; S. McNiel, $18; McRae Bros., $33; E. B. Nault, $58.50; Nechako Drug Co., $1.50; Nechako Feed Stables, $5.75; Nechako Trading Co., $10.50; Northern Hardware Co., $16.35; Northern Lumber Co., $19.35; F. Palmer, $141; W. Parker & Bain, $81.84; H. Patnode, $12; G. Poole, $1.50; Pouce Coupe Trading Co., $11.50; J. Prince, $2; R. Reid, $526.92; J. Ross, $8; E. B. Smith, $36; Stevens, Duffy & Sinclair, $3.75; Stuart Lake Trading Co., $109.15; H. Taylor, $1.88; G. B. Williams, 60c.; H. C. Wilson, $1; stable account and material, $1,744.15	25,927 29	
	Total expenditure, Fort George District		73,937 60
	Grand Forks District.		
	Roads and Streets:		
	Maintenance and Repairs:		
	General Foreman, J. A. McCallum, salary $1,800, expenses $85.80		
	Carried forward	$627,516 14	$ 244,716 29

No. of Vote.	SERVICE.		Expended.
	DEPARTMENT OF PUBLIC WORKS—*Continued.*		
194.	ROADS, STREETS, BRIDGES, AND WHARVES—*Continued.*		
	Grand Forks District—Concluded.		
	Brought forward	$627,516 14	$ 244,716 29
	Roads and Streets—*Concluded.*		
	Maintenance and Repairs—*Concluded.*		
	Clerk, C. Mudge, $75		
	Pay-lists, labour and team-work, $12,272.08		
	Miscellaneous:		
	Allen & Norris, $69.35; B.C. Telephone Co., Ltd., $8.65; Can. Cons. Rubber Co., Ltd., $42.14; Canadian Explosives, Ltd., $104; C.P.R. Telegraphs, $3.80; Dominion Express Co., $2.75; Elec. Blue Print & Map Co., $18; A. A. Frechette, $1.25; Giant Powder Co., $83.20; Granby Cons. M. S. & P. Co., $30.95; Grand Forks Garage, $640.71; Grand Forks Lumber Co., $33.36; Grand Forks Transfer, $34.63; R. W. Halcrow, $14.25; A. E. Hales, $10; King's Printer, 93c.; W. Liddicoat, $73.55; W. K. C. Manly, $161.95; Matthews Bros., $2.25; Miller & Gardner, $17.70; J. R. Mooyboer, $40.15; P. C. Petersen, $2; postage, $11; Provincial Police, $29; F. W. Reid, $5; R. G. Ritchie, $4.85; Woodland & Quinn, $3.50	$ 15,681 80	
	Bridges:		
	Maintenance and Repairs:		
	Pay-lists, labour and team-work, $470.75		
	Miscellaneous:		
	Allen & Norris, $272.10; Forest Mills of B.C., $15.45; Granby Con. M. S. & P. Co., $1.59; Heaps & Sons, $880; W. Liddicoat, $42.03; F. R. Macdonald, $15.42; W. K. C. Manly, $17.75; R. G. Ritchie, $3.50; Ross & Howard Iron Works Co., $1,299.82	3,018 41	
	Total expenditure, Grand Forks District		18,700 21
	Greenwood District.		
	Roads and Streets:		
	Maintenance and Repairs:		
	General Foreman, J. Kerr, salary $1,800, expenses $208.72		
	Clerk, P. H. McCurrach, $50		
	Pay-lists, labour and team-work, $13,721		
	Miscellaneous:		
	Anderson & Holland, $18.75; Bailey & Co., $5.30; B.C. Telephone Co., Ltd., $5.85; J. H. Bush, $3.30; Can. Pac. Rly. Co., 69c.; F. Coryell, $105; City of Greenwood, $37.50; I. Crawford, $2.85; J. M. Cropley, $11.25; J. A. Dalander, $1; J. C. Dale, $14; Dominion Express Co., $1.10; M. Dumont, $6.80; Grand Forks Garage Co., $54.65; Gulley & Co., $9.97; R. W. Halcrow, $7.05; J. S. Harrison, $3; N. B. Kelsey, $2.50; F. F. Ketchum & Co., $25.38; King's Printer, $4.97; Lee & Bryan, $62.70; J. F. Leighton, $80.08; A. R. Lewis, $5; Millen & Sons, $9.50; H. D. McGillivray, $2; J. G. McMynn, $232.75; W. O'Donnell, $76.85; C. Olson, $4; postage, $15; Provincial Police, $10; Rock Creek Trading Co., $213.75; C. E. Stamper, $4.25	$ 16,816 51	
	Carried forward	$ 16,816 51	$646,216 35 $ 244,716 29

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF PUBLIC WORKS—*Continued.*			
194.	ROADS, STREETS, BRIDGES, AND WHARVES—*Continued.*			
	Greenwood District—Concluded.			
	Brought forward		$ 16,816 51	$646,216 35 $ 244,716 29
	Bridges:			
	Maintenance and Repairs:			
	Pay-lists, labour and team-work, $2,739.40			
	Miscellaneous:			
	Anderson & Holland, $3.15; B.C. Telephone Co., 80c.; R. A. Brown, $13.60; J. H. Bush, $5.50; Can. Pac. Rly. Co., $11.30; Dominion Express Co., 70c.; T. M. Gulley & Co., $21; F. F. Ketchum & Co., $25.95; Kettle Valley Rly. Co., $69; J. G. McMynn, $20.05; Nelson Iron Works, $253.50; W. O'Donnell, $7.20; W. Powers, $1,249.08; Rock Creek Trading Co., $18		4,438 23	
	Total expenditure, Greenwood District		21,254 74	
	Islands District.			
	Roads and Streets:			
	Maintenance and Repairs:			
	General Foremen:			
	P. J. Campbell, salary $75; C. A. Helgesen, salary $900, expenses $17.25			
	Clerk, J. L. Bowden, salary $640			
	Stenographer, J. M. Tully, salary $65			
	Pay-lists, labour and team-work, $11,694.15			
	Miscellaneous:			
	Albion Stove Works, $30.62; Armstrong Bros., $315.95; R. Bensen, $288; B.C. Telephone Co., $30.80; W. D. Byers, $10; Campbell River Trading Co., $27.70; Canadian Explosives, $342.76; Can. Pac. Rly. Co., $1.52; Colonist P. & P. Co., Ltd., $37.50; W. N. Copeland, $101.80; R. S. W. Corbett, $15; Courtenay Vulc. Works, $1.50; D. Craig, $1.90; J. Critchley, $47.35; A. Deacon, 65c.; A. Deighton, $18.15; Drake Hardware Co., $48.85; W. J. Dukes, $19.50; H. Edwards, $6; R. P. Edwards, $1.60; E. C. Emde, $17.66; Canadian Fairbanks-Morse Co., $93.43; Farmers' Institute, Ganges, $10; Farmers' Institute, Saltspring, $10; W. S. Fraser & Co., Ltd., $48.57; W. Furness, $4; Gonsalves & Dames, $5.10; C. F. Gregert, $3.90; Hibben & Co., $15.50; Hickman Tye Hardware Co., $6.50; Imperial Oil, Ltd., $254.80; Islands Fruit-growers' Association, $20; F. Jeune & Bro., Ltd., $204.20; J. Johnston, $2.90; King's Printer, $15.47; W. Mable, $13.25; H. Martin, $1.50; Marvin & Co., $84.85; G. T. Michell, $46; W. H. Morton, $5.45; Mouat Bros. & Co., Ltd., $139.13; W. A. McAfee, $27.65; A. McDonald, $11.80; P. McQuade & Son, $10; J. J. Norton, $267.10; S. Percival, $20.80; P. Peterson, $37.50; postage, $20; Quathiaski Canning Co., Ltd., $45.80; Rithet & Co., Ltd., $107.77; D. Ross & Co., $159.35; J. R. Saunders, $5; Sidney Trading Co., $141.44; Sloan's Boot Store, $2.25; W. Smith, $5; Smith & Champion, $49.80; Sointula Co-operative Store, $11; Windsor Grocery, $39.43	$16,702 45		
	By cash	121 40		
			$ 16,581 05	
	Carried forward		$ 16,581 05	$667,471 09 $ 244,716 29

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF PUBLIC WORKS—*Continued.*			
194.	ROADS, STREETS, BRIDGES, AND WHARVES—*Continued.*			
	Islands District—Continued.			
	Brought forward	$ 16,581 05	$667,471 09	$ 244,716 29
	Bridges:			
	Maintenance and Repairs:			
	Pay-lists, labour and team-work, $160.18			
	Miscellaneous:			
	J. Critchley, $2.50; R. P. Edwards, $1; Genoa Bay Lumber Co., $83.64; Mouat Bros. & Co., $24.58	271 90		
	Wharves:			
	Beaver Point Wharf ($397.40):			
	Maintenance and Repairs:			
	Pay-lists, labour and team-work, $297.50			
	Miscellaneous:			
	W. Cotsford, $70; Mouat Bros. & Co., $27.20			
	Burgoyne Bay Wharf ($384.74):			
	Maintenance and Repairs:			
	Pay-lists, labour and team-work, $249.60			
	Miscellaneous:			
	W. Cotsford, $70; R. P. Edwards, $9.95; W. S. Fraser & Co., $24.79; Mouat Bros. & Co., $30.40			
	Fernwood Wharf ($603.95):			
	Maintenance and Repairs:			
	Pay-lists, labour and team-work, $422.25			
	Miscellaneous:			
	W. Cotsford, $70; W. S. Fraser & Co., $17.65; Mouat Bros. & Co., $94.05			
	Fulford Wharf ($97):			
	Maintenance and Repairs:			
	Pay-lists, labour and team-work, $50			
	Miscellaneous:			
	W. Cotsford, $35; G. Lasseter, $12			
	Galiano Island (Sturdy Bay Wharf) ($397.05):			
	Maintenance and Repairs:			
	Pay-lists, labour and team-work, $191.24			
	Miscellaneous:			
	C.P.R. Co., $9.71; W. Cotsford, $35; E. Irvine, $36; Mouat Bros. & Co., $62.10; S. Percival, $10.80; Sidney Mills, Ltd., $52.20			
	Ganges Wharf ($686.25):			
	Maintenance and Repairs:			
	Wharf Committee, $650; W. Cotsford, $35; Mouat Bros. & Co., $1.25			
	Hope Bay Wharf ($718.20):			
	Maintenance and Repairs:			
	Pay-lists, labour and team-work, $529.99			
	Miscellaneous:			
	R. S. W. Corbett, $57.80; W. Cotsford, $70; W. S. Fraser & Co., $60.41			
	Lyall Harbour Wharf ($89):			
	Maintenance and Repairs:			
	Pay-lists, labour and team-work, $54			
	Miscellaneous:			
	W. Cotsford, $35			
	Mayne Island Wharf ($363.62):			
	Maintenance and Repairs:			
	Pay-lists, labour and team-work, $214.12			
	Miscellaneous:			
	J. Aiken, $15; W. Cotsford, $85; Mayne Island Trading Co., $12; W. D. Patterson, $22.20; postage, 31c.; W. M. Robson, $15			
	Carried forward	$ 16,852 95	$667,471 09	$ 244,716 29

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF PUBLIC WORKS—*Continued.*			
194.	ROADS, STREETS, BRIDGES, AND WHARVES—*Continued.*			
	Islands District—Concluded.			
	Brought forward	$ 16,852 95	$667,471 09	$ 244,716 29
	Wharves—*Continued.*			
	Miner's Bay Wharf ($50):			
	Maintenance and Repairs:			
	W. Cotsford, $50			
	Moresby Island Wharf ($376.01):			
	Maintenance and Repairs:			
	Pay-lists, labour and team-work, $208.81			
	Miscellaneous:			
	W. Cotsford, $70; D. Craig, $6; R. P. Edwards, $9.60; Mouat Bros., $81.60			
	North Gabriola Wharf ($503.55):			
	Maintenance and Repairs:			
	Pay-lists, labour and team-work, $333.25			
	Miscellaneous:			
	P. Bennett, $56.90; W. Cotsford, $70; D. McConvey, $42.40			
	Port Washington Wharf ($773.21):			
	Maintenance and Repairs:			
	Pay-lists, labour and team-work, $586.96			
	Miscellaneous:			
	W. Cotsford, $140; Mouat Bros. & Co., $36.90; S. Percival, $9.35			
	Saturna Wharf ($19.85):			
	Maintenance and Repairs:			
	Pay-lists, labour and team-work, $14.50			
	Miscellaneous:			
	R. S. Corbett, $2.15; G. G. Taylor, $3.20			
	Sidney Island Wharf ($220.78):			
	Maintenance and Repairs:			
	E. B. Marvin, $220.78			
	Thetis Island Wharf ($298.32):			
	Maintenance and Repairs:			
	Pay-lists, labour and team-work, $217.97			
	Miscellaneous:			
	W. Cotsford, $35; P. Hunter, $45.35			
	Third Street Wharf (Sidney) ($8.50):			
	Maintenance and Repairs:			
	Pay-lists, labour and team-work, $7.50			
	Miscellaneous:			
	S. Critchley, $1			
	Vesuvius Wharf ($377.39):			
	Maintenance and Repairs:			
	Pay-lists, labour and team-work, $259.75			
	Miscellaneous:			
	W. Cotsford, $70; W. S. Fraser & Co., $18.84; Mouat Bros. & Co., $28.80			
	General ($8,523.58):			
	Maintenance and Repairs:			
	Pay-lists, labour and team-work, $378.74			
	Miscellaneous:			
	Can. Fairbanks-Morse Co., $57.77; W. S. Fraser & Co., $179.24; J. Hughes, $11.25; R. W. Hunt & Co., $73.50; H. Martin, $2; E. B. Marvin, $6.70; Mouat Bros. & Co., $45.75; Sidney Mills, Ltd., $27.07; Sidney Trading Co., $40.20; Vancouver Creosoting Co., $7,382.61; Victoria Tug Co., $318.75		14,884 71	
	Total expenditure, Islands District		31,737 66	
	Carried forward		$699,208 75	$ 244,716 29

No. of Vote.	SERVICE.		Expended.
	DEPARTMENT OF PUBLIC WORKS—*Continued.*		
194.	Roads, Streets, Bridges, and Wharves—*Continued.*		
	Brought forward	$699,208 75	$ 244,716 29
	Kamloops District.		
	Roads and Streets:		
	Maintenance and Repairs:		
	General Foreman, A. Dalgleish, salary $1,800, expenses $123.60		
	Stenographer, Z. Slavin, $15;		
	Pay-lists, labour and team-work, $28,229.48		
	Miscellaneous:		
	Adams River Lbr. Co., $1,240.63; R. Alexander, $2.85; Arrow Lakes Lbr. Co., $27.70; W. R. Austin (estate), $48.05; Barriere Merc. Co., $40.07; A. Bedard, $12; C. Beloud, $5.75; Bradley & Son, $128.55; R. H. Brett, $94.50; B.C. Telephone Co., Ltd., $11.40; A. Brown, $6; J. Bryson, $4.50; J. Bulman, $4.50; R. Campbell, $12; Canada Ingot Iron Co., $99.90; Can. Explosives, $44.25; C.N. Rly. Co., $60.39; C.P.R. Co., $70.44; Carson's Ranch, $16.65; Chow Way, $270; J. M. Christian, $6.75; City of Kamloops, $21.80; J. W. Clifford, $49.90; J. R. Colley, $1,187.27; H. Cornwall, $10.25; Cottle & Byers, $175; N. S. Dalgleish, $1,182.76; E. Dearing, $2.50; Demmon Motor Co., $70.75; C. Doering, $15.50; Dom. Express Co., $10.35; Dom. Govt. Telegraphs, 69c.; Duck & Co., $6.25; Ellis & Co., $33.67; G. Fennell, $10.29; W. C. Fowler, $3; A. Galloway, $12.63; G. Genier, $5.36; H. H. S. George, $15; A. Goudreau, $12.64; G. Grant, $13.55; Gregory & Christie, $611.80; W. Hargraves, $487.60; Heaps & Sons, $555; Hedley Shaw Milling Co., $1,364.65; F. E. Henderson, $210.95; C. D. Hoste, $28.88; Imperial Oil, Ltd., $272.39; F. D. Jarrett, $10.50; Kamloops Harness Co., $1.80; Kamloops Sash and Door Factory, $9.50; Kamloops Tire Hospital, $7; F. A. Kelly, $93.60; King's Printer, $69.79; T. L. Ledgerwood, $10; R. Lyons, $55.50; MacBeth & Miller, $10.48; Mallery Drug Co., $3.10; Marlatt & MacKenzie, $52.50; J. R. Michell, $49.86; J. Milton, $316.13; Mocherman & Noble, $38.97; Moilliet & Finley, $6.55; Monte Creek Tdg. Co., $10.05; Mun. of Salmon Arm, $250; Mussens, Ltd., $38.40; S. McAbee, $4.50; R. McCall, $16.43; McCannell & Son, $3; S. J. McDiarmid, $72.29; McKinnon Htg. & P. Co., $11.15; McLean & Son, $23; J. McLennan, $6; N. Transfer Co., $28.08; J. D. Paxton, $15.75; H. Peterson, $5; H. M. Phillips, $100; T. Plimley, $32.70; H. Pratt, $6; L. B. Price, $2.50; W. P. Pritchard, $9; Provincial Police, $10; J. Reid, $33.15; Reilley & Co., $22.66; J. S. Robertson, $1.50; J. E. Ross, $105; N. E. Sjodin, $12.30; K. Skahl, $6; Smith & Son, $36; C. H. Strutt, $25; M. W. Sullivan, $4.10; F. Syson, $11.70; H. B. Taite, $1; A. Thomson, $20.25; M. Ulbricksen, $14; Ward Motor Co., $129.75; A. B. Ward, $14.55; S. Watson, $15; W. Can. Ranch Co., $22.50; Wilcox Hall Co., $436.37; Wyse & Harmon, $91.75	$ 41,127 10	
	Bridges:		
	Maintenance and Repairs:		
	Pay-lists, labour and team-work, $15,756.21		
	Carried forward	$ 41,127 10	$699,208 75 $ 244,716 29

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF PUBLIC WORKS—*Continued.*			
194.	ROADS, STREETS, BRIDGES, AND WHARVES—*Continued.*			
	Kamloops District—Concluded.			
	Brought forward	$ 41,127 10	$699,208 75	$ 244,716 29
	Bridges—*Continued.*			
	Maintenance and Repairs—*Concluded.*			
	Miscellaneous:			
	Adams River Lbr. Co., $955.75; S. Armour, $31.30; Arrow Lakes Lbr. Co., $199.60; C. L. Barker, $30; Barriere Lbr. Co., $21.65; Barriere Mercantile Co., $29.95; M. W. Briggs, $62.50; D. Campbell, $9.06; C.N.R. Co., $97.59; C.P.R. Co., $10.06; Can. Western Lumber Co., $871; City of Kamloops, $461.25; N. S. Dalgleish, $549.67; Dept. of Public Printing (Ottawa), $12.50; W. J. Ellis & Co., $27.13; M. M. Etter, $57.96; Granby Con. M. S. & P. Co., $1,000; W. Hargraves, $2; Heaps & Sons, $1,304.44; Imperial Oil, Ltd., $107.21; Kamloops S. & D. Factory, $25.75; Kamloops Sawmills, Ltd., $4.58; F. A. Kelly, $20.30; W. Keys, $86.52; G. Key-Jones, $100.40; F. R. Macdonald, $25.56; Marlatt & MacKenzie, $9.80; Mallery Drug Co., $7; J. Milton, $7.60; Mountain Sawmills, Ltd., $5,158.28; R. McCall, $1.90; McKinnon H. & P. Co., $19.90; Northern Construction Co., $56.51; Northern Transfer Co., $2.40; L. B. Price, $10.85; Ross & Howard Iron Works, $770; J. F. Smith, $356.80; A. Thomson, $34; J. T. Tucker, $125; C. L. Wain, $6.90; Ward Motor Co., $162.30; Wilcox-Hall Co., $536.78; Woodward & Eakin, $4.50; Wyse & Harmon, $105.04	29,235 50		
	Protection of River-banks:			
	Clearwater Crossing:			
	Pay-lists	199 60		
	Total expenditure, Kamloops District		70,562 20	
	Kaslo District.			
	Roads and Streets:			
	Maintenance and Repairs:			
	General Foreman, J. D. Moore, salary $1,800, expenses $663.45			
	Pay-lists, labour and team-work, $23,429.54			
	Miscellaneous:			
	Archer Hardware Co., $64.80; B.C. Telephone Co., Ltd., $33; W. K. Brown, $57.35; Burden & Watson, $184.91; G. Burrows (estate), $24.75; Byers, Giegerich, Green Co., $197.78; Can. Explosives, Ltd., $130.40; Canyon City Lbr. Co., $70.49; J. Carscadden, $7.50; Cork-Province Mines, $6; J. Coupland, $47; Creston Merc. Co., $7.43; Creston Review, $6.96; A. C. Cummins, $293.20; W. Drage, $3.50; S. H. Edwards, $100; E. Eggan, $102.70; Forest Mills of B.C., $95.85; Giant Powder Co., $150.05; J. E. Houghton, $31; A. G. Johnston, $23.70; Jones & Rant, Ltd., $195.54; Kaslo Transfer Co., $83.26; King's Printer, $1.30; Kootenaian, $5.88; G. A. Lafferty, $17.50; E. H. Lathom, $6.30; Lucky Jim Zinc Mines, $32; Nelson Daily News, $11.60; New Canadian Metal Co., $27.25; H. E. Rogers, $20; Simpson Bros., $12.05; S. A. Speers, $106;			
	Carried forward		$769,770 95	$ 244,716 29

No. of Vote.	SERVICE.		Expended.
	DEPARTMENT OF PUBLIC WORKS—*Continued.*		
194.	ROADS, STREETS, BRIDGES, AND WHARVES—*Continued.*		
	Kaslo District—Concluded.		
	Brought forward	$769,770 95	$ 244,716 29
	Roads and Streets—*Concluded.*		
	Maintenance and Repairs—*Concluded.*		
	Miscellaneous—*Concluded.*		
	Sutton & Foote, $4; A. Tapanilla, $1; Wood, Vallance Hardware Co., $40.50	$ 28,095 54	
	Bridges:		
	Maintenance and Repairs:		
	Pay-lists, labour and team-work, $4,989.59		
	Miscellaneous:		
	Burden & Watson, $95.14; Byers, Giegerich, Green Co., $63.35; Canadian Explosives, $21.45; C.P.R. Co., $17.35; Canyon City Lumber Co., $273.76; Creston Mercantile Co., $62.75; S. Daney, $5; H. Giegerich, $4.80; J. E. Houghton, $15.50; A. G. Johnston, $4.50; Kaslo Transfer Co., $20.91; H. J. LaBrash, $9.05; D. D. McPhail, $210; A. McQueen, 35c.; W. Simpson, $35.90; S. A. Speers, $11.40; Western Canada Lumber Co., $12.11	5,852 91	
	Wharves:		
	Howser Lake Float:		
	W. Simpson, $5.86; pay-list, $14	19 86	
	Protection of River-banks:		
	Lardeau River:		
	A. Biggar	234 00	
	Total expenditure, Kaslo District		34,202 31
	Lillooet District.		
	Roads and Streets:		
	Maintenance and Repairs:		
	General Foreman, J. K. More, salary $1,800, expenses $367.45		
	Pay-lists, labour and team-work, $23,512.08		
	Miscellaneous:		
	S. Alexander, $11.44; Ashcroft Hotel, $8; Ashcroft Print Co., $10.80; A. Barberis, $8; F. M. Becher, $29.14; J. S. Bell, $6.87; Benjamin (Indian), $4; J. Bennett, $11; J. A. Bishop, $99; A. Boitano, $13; P. Boston, $2; M. P. Botterill, $22; M. Boyd, $876.92; Boyd & Borrowman, $207.25; Bridge Creek Cattle Ranch, $5.50; J. B. Bryson, $49.05; T. Bull, $4.20; C.N. Rly. Co., $68.70; Cariboo Trading Co., $22.85; W. G. Carson, $664.46; R. Chesters, $4.50; Chilcotin Trading Co., $15; M. Clark, $14.50; Coldwell Bros., $43; R. C. Cotton, $10; G. Couvrette, $4.25; D. Craig, $25; L. J. Crosina, $9.20; D. D. Cullen, $55.10; F. D. Cummings, $16.06; M. Cunningham, $9.50; G. H. Curtis, $20; E. Darcy, $232.12; Dominion Government Telegraphs, $137.87; C. A. Dougherty, $10.50; M. Dumond, $446.87; M. J. Eagleson, $26; F. W. Engeman, $132.29; Farwell & Blenkinsop, $56; E. Ferguson, $4; R. Ferguson, $52.25; N. Fiset, $1; G. Forbes, $75; R. Fraser, $648.68; Giant Powder Co., $414.98; F. H. Gottfriedson, $36.75; G. Haller, $7; O. T. Hance, $116; L. C. Hannon, $86.85; E. O. Hansen, $79.50; W. Har-		
	Carried forward	$803,973 26	$ 244,716 29

No. of Vote.	SERVICE.	Expended.

DEPARTMENT OF PUBLIC WORKS—*Continued.*

194. ROADS, STREETS, BRIDGES, AND WHARVES—*Continued.*

Lillooet District—Continued.

Brought forward ..... $803,973 26 $ 244,716 29

Roads and Streets—*Concluded.*
Maintenance and Repairs—*Concluded.*
Miscellaneous—*Concluded.*
graves, $30; Harvey Bailey, Ltd., $65.15; Hat Creek Ranch, $108.92; Hat Creek Hotel, $70.70; Hedley Shaw Milling Co., $16.75; Heyworth Bros., $66.50; Highland Ranch, $37.69; W. Holden, $9; H. P. Horan, $111.85; C. W. Hunt, $27; W. O. Huston, $10; Hurley & Santini, $19.12; Inland Express Co., $2.70; J. Isnardy, $24; H. Jefferson, $7; A. G. Jarvis, $9.50; A. W. Jarvis, $25; C. E. W. Johnson, $10; W. W. Jones, $41.40; J. W. Johnson, $22.50; J. King, $33; King's Printer, $1.36; B. LaRochell, $50.40; Lillooet Waterworks, $12; P. Martin, $10.50; W. W. Mathews, $5; C. Menier, $17; J. P. Murphy, $4.80; C. F. McDonald, $1; A. I. McKinley, $26.40; P. McMaster, $4; L. M. McNeil, $1; I. Ogden, $32; Onward Store, $87.74; P.G.E. Rly., $118.25; T. Palombi, $6; F. Parsons, $14.40; C. J. Payne, $240.40; C. A. Phair, $111.10; C. Pigeon, $40; P. F. X. Pigeon, $2; J. Pigeon, $2; J. S. Place, $45.25; C. R. Pollard, $160; K. Pollard, $35.15; postage, $40; Provincial Police, $10; R. Pyper, $17.50; G. G. Rebagliati, $64; J. J. Riley, $4.50; J. S. Robertson, $1; P. Santini & Co., $207.12; W. Schrader, $4.50; R. J. Seymour, $6; Smith & Bryson, $115.10; S. Sorenson, $184.51; J. H. Stewart, $19; A. W. Stobie, $37.55; D. A. Stoddart, $4; A. Tresierra, $43.25; J. Walker, $3.75; W. Can. Ranching Co., $253.06; G. White, $112.50

$33,534 96
By bridges 2,757 50
$ 30,777 46

Bridges:
Maintenance and Repairs:
Pay-lists, labour and team-work, $18,804.88
Miscellaneous:
F. Baker, $600; F. M. Becher, $61.35; J. Bennett, $15.75; J. A. Bishop, $11.50; A. Boitano, $28.75; S. S. Boyd, $3.30; Boyd & Borrowman, $16,50; F. A. Brewer, $6; Bridge Creek Cattle Ranch, $6.70; Can. Inspecting and Testing Laboratories, Ltd., $5; Can. Western Lumber Co., Ltd., $1,001.20; Cariboo Trading Co., $15.90; W. G. Carson, $6; Chilcotin Trading Co., $5.20; M. Clark, $13.75; Coldwell Bros., $8.50; D. Craig, $58.50; L. J. Crosina, $22.25; D. D. Cullen, $5; M. Cunningham, $4; G. H. Curtis, $20; E. Darcy, $436.88; W. H. Day Lbr. Co., $720; C. A. Dougherty, $3; W. J. Ellis & Co., $84.70; F. W. Engeman, $20.70; Evans, Coleman & Evans, $66; R. Fergusson, $2.50; R. Fraser, $63.64; G. Hance, $40; O. T. Hance, $6; L. C. Hannon, $22.50; Highland Ranch, $1.50; T. J. Hodgson, $30; H. P. Horan, $182.68; Hurley & Santini, $16.60; A. G. Jarvis, $8;

Carried forward ..... $ 30,777 46 $803,973 26 $ 244,716 29

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF PUBLIC WORKS—*Continued.*			
194.	ROADS, STREETS, BRIDGES, AND WHARVES—*Continued.*			
	Lillooet District—Concluded.			
	Brought forward	$ 30,777 46	$803,973 26	$ 244,716 29
	Bridges—*Concluded.*			
	Maintenance and Repairs—*Concluded.*			
	Miscellaneous—*Concluded.*			
	H. Jefferson, $6; A. W. Jervis, $2.18; Johnnie Joe, $25.62; W. W. Jones, $84; Marlatt & MacKenzie, $84.03; C. Menier, $56; P. McMaster, $168.50; L. M. McNeil, $3; Onward Ranch, $2.75; Onward Store, $1.50; P.G.E. Rly. Co., $1,246.07; F. Parsons, $13; C. A. Phair, $93.30; C. Pigeon, $25.75; J. S. Place, $6.25; R. Pyper, 45c.; G. G. Rebagliati, $69.50; J. J. Riley, $54; J. S. Robertson, $1.50; Ross & Howard Iron Works Co., $1,400; Santini & Co., $71.21; Smith & Bryson, $31.60; J. F. Seward, $8; A. Tresierra, $1.25; R. Trodden, $15.10; Victoria Hotel, $23.25; Walsh Day Lumber Co., $391.71; W. Can. Ranching Co., Ltd., $29; G. White, $3; E. E. Whitney, $4.90; Wilcox Hall Co., Ltd., $129.59; Stable account, etc., $2,757.50	29,234 24		
	Total expenditure, Lillooet District		60,011 70	
	Nanaimo District.			
	Roads and Streets:			
	Maintenance and Repairs:			
	Assistant District Engineer, H. C. Mann, salary $465			
	Pay-lists, labour and team-work, $7,018.73			
	Miscellaneous:			
	P. Bennett, $23.34; Auchinvole & Cornish, $450; Can. Western Fuel Co., $12.90; E. Emlick, $1.20; H. Gibson, $5; J. R. Grayshon, $11.70; P. McCape, $3.25; J. Marsh, $3.97; New Ladysmith Lumber Co., $8.65; Sampson Motor Co., $3.20; Thompson, Coure & Stockwell, $5.05; Western Fuel Co., $21.50; P. White, $43.10 ...	$ 8,076 59		
	Bridges:			
	Maintenance and Repairs:			
	Pay-lists, labour and team-work, $839			
	Miscellaneous:			
	P. Bennett, $6.86; P. McCape (Mrs.), $1.25; New Ladysmith Lumber Co., Ltd., $228.65; Selby's Garage, $5	1,080 76		
	Total expenditure, Nanaimo District		9,157 35	
	Nelson District.			
	Roads and Streets:			
	Maintenance and Repairs:			
	General Foreman, P. J. Gallagher, salary $300, expenses $16.55			
	Pay-lists, labour and team-work, $2,341.97			
	Miscellaneous:			
	E. Doucette, $97.60; Forest Mills of B.C., $106.75; Giant Powder Co., $3; G.N. Express Co., 40c.; King's Printer, $19.70; Nelson Tsfer. Co., $2; C. Romano, $12	$ 2,899 97		
	Total expenditure, Nelson District		2,899 97	
	Carried forward		$876,042 28	$ 244,716 29

No. of Vote.	SERVICE.		Expended.
	DEPARTMENT OF PUBLIC WORKS—*Continued.*		
194.	ROADS, STREETS, BRIDGES, AND WHARVES—*Continued.*		
	Brought forward	$876,042 28	$ 244,716 29
	Newcastle District.		
	Roads and Streets:		
	Maintenance and Repairs:		
	Assistant District Engineer, H. C. Mann, salary $945, expenses $155.20		
	Stenographers:		
	J. M. Tully, $65; R. H. Wilson, $150		
	Pay-lists, labour and team-work, $14,899.86		
	Miscellaneous:		
	J. Bain, $36.70; F. Beban, $19; P. Bennett, $14.70; W. T. Brookes, $7.40; Can. Explosives, Ltd., $14.37; City Taxi Cab Co., $10.50; Duncan Garage, $193.40; C. Gardner, $4.20; H. Gibson, $8.25; King's Printer, $28.47; P. Martin, $3.20; M. Morrison, $9.60; A. McDonald, $15.20; C. J. Nicholson, $2; C. Peterson, $34.10; G. R. Porter, $16.40; W. M. Rollston, $14.50; Sampson Motor Co., $95.75; P. Sampson, $11; Selby's Garage, $10.70; G. Taylor, $35.40; U. Typewriter Co., Ltd., $9; H. Vicars, $13.50; Walters & Akenhead, $5.50; J. B. Weir, $10; P. White, $22.50; Wright & Son, $4.04	$ 16,864 44	
	Bridges:		
	Maintenance and Repairs:		
	Pay-lists, labour and team-work, $2,325		
	Miscellaneous:		
	F. Beban, $589.31; P. Bennett, $51.76; W. Cameron, $3; E. D. Comley, $5; Corp. of City of Nanaimo, $2,044.65; J. E. Davis, $2; E. & N. Rly. Co., $49.10; W. H. Ganner, $15; E. H. Gough, $2; J. B. Green, $8; Hillcrest Lumber Co., $313.90; H. C. Mann, $4.25; W. T. G. McClure, $98.50; New Ladysmith Lumber Co., Ltd., $235.03; D. Nicholson, $3.59; C. Peterson, $41.09; W. Rollston, $5.40; Selby's Garage, $34.50; W. Siler, $8; G. Taylor, $15.40	5,854 48	
	Total expenditure, Newcastle District		22,718 92
	New Westminster District.		
	Roads and Streets:		
	Maintenance and Repairs:		
	City of New Westminster, $20; King's Printer, 22c.; Small & Bucklin Lumber Co., $32.40; T. J. Trapp & Co., Ltd., $2.90; pay-list, labour, $43.75	$ 99 27	
	Total expenditure, New Westminster District		99 27
	North Okanagan District.		
	Roads and Streets:		
	Maintenance and Repairs:		
	Assistant District Engineer, J. C. Dever, salary $1,860, expenses $223.19		
	Clerk, P. E. Young, $192		
	Pay-lists, labour and team-work, $23,861.39		
	Miscellaneous:		
	J. Antoine, $12.40; Armstrong Sawmill, $1.80; Bell & Pell, $73.90; C. Boaty, $25.43; G. Butterworth, $1.10; C.P.R. Co., $78.43; T. Clinton, $2.40; Coldstream Municipality, $500; City of		
	Carried forward	$898,860 47	$ 244,716 29

No. of Vote.	SERVICE.	Expended.	
	DEPARTMENT OF PUBLIC WORKS—*Continued.*		
194.	ROADS, STREETS, BRIDGES, AND WHARVES—*Continued.*		
	North Okanagan District—Concluded.		
	Brought forward	$898,860 47	$ 244,716 29
	Roads and Streets—*Concluded.*		
	Maintenance and Repairs—*Concluded.*		
	Miscellaneous—*Concluded.*		
	Vernon, $196.20; S. David, $15.25; R. Davison, $27.35; E. Dixon, $2.50; Dominion Express Co., $3.45; J. M. Edgar, $6.10; Enderby Hardware Co., $6.75; M. English, $2; Fulton Hardware Co., $65.20; J. Genier, 50c.; J. Harwood, $19.50; L. Haskett, $46.38; Hope Bros., $10.70; Imperial Oil, Ltd., $24.12; P. Johnson, $350; R. A. W. Johnson, $11.25; King's Printer, 55c.; D. C. Leary, $7.30; W. C. Leeper, $93.15; Lumby Saw Mill Co., $6.45; MacPhail-Smith Hardware Co., $33.75; W. R. Megaw, Ltd., $38.60; J. Mellis, $28.95; W. Middleton, $72; J. Monk, $89.40; Mussens, Ltd., $23.90; D. J. McKay, $18.75; J. McMahon, $36.80; D. McManus, $28.30; J. Nicolas, $32.40; Okanagan Tel. Co., $58.65; A. Paulson, $6.10; postage, $25; Provincial Police, $10; G. A. Rands, $54.90; W. H. Rea, $9; Rogers & Co., $128.65; Safe, Ltd., $4.47; Salmon River Supply Co., $16.62; Shields & Co., $8.95; Smith Lumber Co., Ltd., $4.57; J. Tedford, $31.70; H. Tomkinson, $12.85; Vernon Hardware Co., $189.56; Vernon Lumber Co., Ltd., $176.58; Vernon News P. & P. Co., $16.60; L. Wagner, $2; Watkins Garage, $506.51; M. Weir, $38.85	$ 29,431 15	
	Bridges:		
	Maintenance and Repairs:		
	Pay-lists, labour and team-work, $2,705.05		
	Miscellaneous:		
	A. Brown, $20; City of Vernon, $44; Enderby Hardware Co., $12.25; Husband & Johnston, $24; N. H. Kenny, $15.45; W. H. Magee, $27.90; T. B. Miles, $5; J. McMahon, $3.01; W. Newnes, $15; O.K. Saw Mills, Ltd., $10.78; Vernon Hdwe. Co., $37.42; Vernon Lumber Co., $55.67..	2,975 53	
	Wharves:		
	Ewing's Wharf:		
	J. Adrian, $8.25; R. Ford, $4.35; D. J. McKay, $19.20; Smith Lumber Co., $10.22; pay-lists, $59.75	101 77	
	Total expenditure, North Okanagan District	32,508 45	
	North Vancouver District.		
	Roads and Streets:		
	Maintenance and Repairs:		
	Assistant District Engineer, E. D. Todd, salary $465, expenses $234.65		
	Stenographer, G. M. McDonald, $190		
	Pay-lists, labour and team-work, $11,251.64		
	Miscellaneous:		
	A. Anderson, $353.60; Beaver Auto Transfer, $123; Can. Junk Co., $113.20; Clarke & Stuart Co., 70c.; Columbia Block & Tool Co., $1.85; P. J. Dermody, $15; Dominion Government Telegraphs, $7.08; Eagle Junk Co., $3; Elphin-		
	Carried forward	$931,368 92	$ 244,716 29

No. of Vote.	SERVICE.		Expended.
	DEPARTMENT OF PUBLIC WORKS—*Continued.*		
194.	ROADS, STREETS, BRIDGES, AND WHARVES—*Continued.*		
	North Vancouver District—Concluded.		
	Brought forward	$931,368 92	$ 244,716 29
	Roads and Streets—*Concluded.*		
	Maintenance and Repairs—*Concluded.*		
	Miscellaneous—*Concluded.*		
	stone Co-op. Assn., $6; Excelsior Cycle Co., $14.30; False Creek Transfer, $10.87; Gonsalves & Dames, 75c.; G. M. Groat, $4.25; Hill, Ltd., $3.50; T. A. King, $10; LePage Engine Supply Co., $1; D. McDonald, $59.40; McLennan, McFeely Co., $279.08; J. F. McMaster, $1.25; Newport Saw Mills, Ltd., $39.02; P.G.E. Rly. Co., $15.32; Pemberton Trading Co., $23.35; H. Perkins, $39.60; Sechelt Seaside Resort Co., $3.25; G. P. Stocks, $4; Taylor's Univ. Express, $7.50; J. Taillefer, $3; Terminal Steamship Co., $2; Union Steamship Co. of B.C., $5.08; Vancouver Map & Blue Print Co., $1.50; C. Wellington, $2; Wood, Vallance & Leggat, Ltd., $39.70; F. Wright, $75	$ 13,409 44	
	Bridges:		
	Maintenance and Repairs:		
	Pay-lists, labour and team-work, $1,925.75		
	Miscellaneous:		
	B.C. Mills T. & T. Co., $51.21; Elphinstone Co-op. Assn., $8.60; False Creek Transfer, $18; D. McDonald, $37.35; McLennan, McFeely & Co., $50.84; Newport Sawmills, Ltd., $83.39; P.G.E. Rly. Co., $16.50; Pemberton Trading Co., $2.50; L. H. Roberts, $236.57; Sechelt Seaside Resort Co., $9.50; S. W. Spetch, $23.50; Terminal Steam Nav. Co., $20; Union S.S. Co., $3.17; Vancouver Map & Blue Print Co., 60c.; Winn & Son, $16.63; Wood, Vallance & Leggat, $1	2,505 11	
	Wharves:		
	Snug Cove ($6,238.97):		
	Columbian Co., Ltd., $5; Dominion Blue Print Co., $1; False Creek Lumber Co., Ltd., $4.22; Greer, Coyle Co., $35; McLennan, McFeely & Co., $1.92; Palmer Bros., $4,898.09; Progressive Steamboat Co., $35; G. P. Stocks, $5; Terminal Steam Nav. Co., 40c.; Union S.S. Co. of B.C., 75c.; Vancouver Creosoting Co., $775.34; Vancouver Daily Sun, $12.15; M. R. Wells, $56; pay-lists, $409.10		
	Hopkins Landing ($15):		
	Palmer Bros., $15	6,253 97	
	Protection of River-banks:		
	Squamish Dykes:		
	Newport Saw Mills, Ltd., $8; pay-lists, $978.39	986 39	
	Total expenditure, North Vancouver District		23,154 91
	Omineca District.		
	Roads and Streets:		
	Maintenance and Repairs:		
	Assistant Engineer, T. T. Dunlop, salary $1,860, expenses $804.65		
	Clerk and Instrument-man, C. L. Dimock, salary $960, expenses $28.10		
	Pay-lists, labour and team-work, $39,711.82		
	Carried forward	$954,523 83	$ 244,716 29

No. of Vote.	SERVICE.		Expended.
	DEPARTMENT OF PUBLIC WORKS—*Continued.*		
194.	ROADS, STREETS, BRIDGES, AND WHARVES—*Continued.*		
	Omineca District—Continued.		
	Brought forward	$954,523 83	$ 244,716 29
	Roads and Streets—*Concluded.*		
	Maintenance and Repairs—*Concluded.*		
	Miscellaneous:		
	J. M. Adams, $42.76; J. Aitken, $120; J. Assman, $210; G. M. Beirnes, $221; Bannister & Son, $2; A. Blayney, $18; Barger & Bourgon, $119.04; B.C. Equip. Co., $23; B.C. Saddlery Co., $78; Broughton & McNeil, $423.29; A. Brown, $10; Bulkley Livery, $21; Bulkley Transfer Stables, $26.50; Burns Lake Trading Co., $672.75; J. Buxton, $91; Can. Cons. Rubber Co., Ltd., $39.20; Canadian Explosives, Ltd., $1,545.38; Canadian Express Co., $18.80; J. W. Carr, $273.70; R. M. Carroll, $245; C. Chapman, $996.93; A. Chisholm, $552.25; City Transfer Co., $11; W. Croteau, $71.77; Cunningham & Son, $244.02; H. Davis, $35; Dominion Government Telegraphs, $53.72; L. R. Durkee, $10; S. A. Eby, $49.07; G. Farrow, $82.50; H. Fotherby, $280.78; Gayer & Connelly, $18.82; D. M. Gerow, $8; G.T.P. Rly. Co., $350.26; E. Hann, $15.60; W. Hanna, $184.92; Hanson Bros., $96.45; W. L. Harris, $41.25; F. G. Heal, $182.49; E. Hellman, $194.49; J. W. Henkel, $2.50; W. S. Henry, $73; T. Herlihy, $34.50; J. Hevenor, $17; M. Hiatt, $1.75; J. Hines, $28.32; Howe & McNulty, $19.35; Hudson's Bay Co., $148.85; R. R. Jeffrey, $68.92; J. Johnston, $31.50; S. Jones, $50.25; J. Joseph, $3.50; F. R. Keefe, $4.45; J. H. Keefe, $65.55; W. W. Kerr, $26; King's Printer, $30.98; Kispiox Lumber Co., $33.59; Lands Department, 55c.; J. Lapidat, $56; W. J. Larkworthy, $78.37; J. Latham, $5.25; Law & Mosher, $54.65; O. A. Lindell, $4.50; Lipsett-Cunningham & Co., $188.95; G. Little Lumber Yard, $1,165.28; S. N. Long, $230.70; J. Maney, $120.12; E. May, $87.20; L. Mero, $160; D. E. Moore, $293.15; E. Moran, $146; J. K. Muir, $137.25; L. Mulvaney, $36; Mulvaney & McDonald, $13.20; P. L. Mulville, $2.05; G. McKenzie, $278.61; D. F. McKinnon, $28.95; J. A. McLean, $10; J. McRae, $87.13; C. Newitt, $387; J. Newman, $25; Northern Hotel, $42.75; J. Oakes, $172.20; A. Olsen, $7.50; S. Olson, $150; Pac. Cartage Co., $24.35; C. Peterson, $145.95; postage, $31.50; A. J. Pratt, $100; Prosser & Reid, $22.95; Provincial Police, $17; Ruddy & McKay, $325.91; R. S. Sargent, $498.66; F. S. Short, $235.60; H. Silverthorne, $287.50; T. G. Sloan, $11.50; W. A. Sproule, $7.80; A. G. Sturgeon, $5.75; N. Svenson, $36.75; L. Schorn, $66.05; C. Thoman, $63.05; W. Thompson, $80.25; Thorp & Hoops, $30.90; G. H. Wall, $5.35; P. R. White, $73.92; J. Wiggins, $6; Wilson Bros., $168; H. C. Wrinch, $119	$ 58,016 42	
	Bridges:		
	Maintenance and Repairs:		
	Pay-lists, labour and teamwork, $27,181.67		
	Carried forward	$ 58,016 42	$954,523 83 $ 244,716 29

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF PUBLIC WORKS—*Continued.*			
194.	ROADS, STREETS, BRIDGES, AND WHARVES—*Continued.*			
	Omineca District—Concluded.			
	Brought forward	$ 58,016 42	$954,523 83	$ 244,716 29
	Bridges—*Concluded.*			
	Maintenance and Repairs—*Concluded.*			
	Miscellaneous:			
	Akerberg, Thomson & Co., $120.50; Albert & McCaffery, $693.21; J. K. Ashman, $26.09; J. J. Bakke, $37.50; J. L. Bethurem, $879.04; J. Bourgon, $87.45; Broughton & McNeill, $370.69; Brunette Sawmill Co., $1,521.86; Bulkley Tsfr. Stables, $1; Burns Lake Trading Co., $1.60; J. Buxton, $104.20; Can. Express Co., $9.20; Can. Inspect. & Testing Lab., $8.65; A. Chisholm, $491.93; City Transfer Co., $3; R. Cunningham & Son, $28.85; Dom. Gov. Tel. Service, 25c.; S. A. Eby, $16.13; H. Fotherby, $77.70; Gayer & Connelly, $14.95; G.T.P. Rly. Co., $815.78; G.T.P. Dev. Co., $119.68; R. Haney, $43.10; Alfred Hans, $4; Heaps & Sons, $1,577.50; W. S. Henry, $8; Howe & McNulty, $25.10; Hudson's Bay Co., $137.29; J. Hunter, $6; M. Hyatt, $19.10; C. J. Kettyle, $10.42; Kispiox Lumber Co., $58.99; W. J. Larkworthy, $15.05; Lait & Mosher, $18; G. Little, $5,134.89; F. R. Macdonald, $67.49; G. Macdonell, $2; R. Mackin, $1.65; J. K. Muir's Estate, $2; L. Mulvaney, $41; J. P. McKie, M.D., $75; A. McLean, $5; J. McLean, $6; J. A. McLean, $2; D. D. McMillan, $4.50; Northern Hotel, $5; Parkin & Ward Elec. Co., $16.50; T. Railson, $24; L. G. Ramoie, $11.50; Ross & Howard Iron Works, $1,144.71; Ruddy & McKay, $671.98; R. S. Sargent, $476.23; L. Schorn, $42.60; F. Stork, $92.64; N. Svenson, $67.66; Telkwa Collieries Co., $25.50; W. Thompson, $294.16; Thompson Hardware Co., $30.89; Thorp & Hoops, $20; E. Wakefield, $30.69; Webb & Gifford, $1,687.50; Wilson Bros., $4	44,520 57		
	Total expenditure, Omineca District		102,536 99	
	Prince Rupert District.			
	Roads and Streets:			
	Maintenance and Repairs:			
	General Foreman, P. W. Anderson, salary $1,920, expenses $374.50			
	Pay-lists, labour and team-work, $24,623.36			
	Miscellaneous:			
	Akerberg & Thomson, Ltd., $272.55; Albert & McCaffery, $2.05; C. Anderson, $5.10; J. L. Barge, $28.40; C. E. Painter, $60; Bella Coola Lumber Co., $71.49; J. L. Bethurem, $77; K. Brink, $19.50; B.C. Packers' Assn., $24; J. A. Brown, $481.10; D. Bruce, $5; B. Brynildsen & Co., $217.35; Can. Explosives, Ltd., $1,381.55; A. C. Christensen, $23.20; E. C. Clayton, $5; D. Cochrane, $35.50; Cunningham & Son, Ltd., $22.95; T. R. Davis, $251.60; H. DuVernet, $55.50; P. Gadsden, $38.60; Georgetown Lumber Co., $97.33; E. Gorden,			
	Carried forward		$1,057,060 82	$ 244,716 29

No. of Vote.	SERVICE.		Expended.	
	DEPARTMENT OF PUBLIC WORKS—*Continued.*			
194.	ROADS, STREETS, BRIDGES, AND WHARVES—*Continued.*			
	Prince Rupert—Continued.			
	Brought forward		$1,057,060 82	$ 244,716 29
	Roads and Streets—*Concluded.*			
	Maintenance and Repairs—*Concluded.*			
	Miscellaneous—*Concluded.*			
	$6.50; G.T.P. Coast S.S. Co., $5; D. A. Hoage, $13; Howe & McNulty, $46.25; J. Hunter, $4.50; Imperial Oil, Ltd., $2.30; King's Printer, $28.50; Kitsumgallum Farmers' Institute, $96.47; J. Lacknitz, $20; F. Lazelle Co., $137.50; Lipsett Cunningham Co., Ltd., $34.05; G. Little, $299.53; A. D. Long, $2.50; Lowrie Lumber Co., $2; Lynch Bros. & McMeekin, $12.30; J. Martin, $11.75; Massett Inland Lbr. Co., $600; Mitchell & Currie, $150.05; D. McKercher, $2; Pacific Cartage, $4.43; Parkin Wark Elec. Co., $154.15; Pony Express, $1.25; Prince Rupert Boat House, $16.25; Prince Rupert Swimming Club, $300; Saloomt Lbr. Co., $27.12; Skeena River Co-op. Assn., $21.25; Skinner Bros., $38.50; W. J. Smith, $22.60; E. Stevens, $3; F. Stork, $8.05; H. A. Swain, $2; Terrace Transfer, $1.25; Thompson Hardware Co., Ltd., 85c.; T. R. Tomlinson, $34.55; T. H. Walsh, $37.06; Wood, Vallance & Leggat, Ltd., $84.50		$ 32,323 64	
	Bridges:			
	Maintenance and Repairs:			
	Pay-lists, labour and team-work, $12,656.95			
	Miscellaneous:			
	Akerberg, Thomson & Co., $9.45; Bella Coola Hotel, $4; Bella Coola Lumber Co., $171.32; Bella Coola Tel. Co., $2.50; R. Brink, $2.25; B. Brynildsen, $100.05; G. Buchel, $10; Can. Inspection and T. Lab., $6.25; H. Casebeer, $39; A. C. Christensen, $9.20; D. Cochrane, $16; T. Draney, $262; Evans, Coleman & Evans, $360; False Creek Lumber Co., $2.512; G.N.W. Telegraph Co., 37c.; W. J. Grummett, $6; Heaps Eng. Co., $1,021.40; Howe & McNulty, $215.43; M. Hyatt, $14.95; O. T. Kellog, $266.68; F. Lazelle Co., $17.50; G. Little, $261.48; J. Martin, $10.50; McCubbin & Haydon, $23.50; M. Ratcliff, $25; Ross & Howard Iron Works, $2,540.24; Saloomt Lumber Co., $1,452.57; R. Scharffe, $1.55; O. Schulstad, $9; Union S.S. Co., $77			
		$22,104 14		
	By cash	128 55		
			21,975 59	
	Wharves:			
	Prince Rupert Wharf ($5,854.61):			
	Maintenance and Repairs:			
	Pay-lists, labour and team-work, $3,831.65			
	Miscellaneous:			
	Akerberg, Thomson & Co., $20.60; Albert & McCaffery, $263.80; Canadian Explosives, Ltd., $3.46; City Collector, $935.11; S. Frizzell, $3.75; Howe & McNulty, $52.80; J. Hunter, $34.10; King's Printer, $28.52; Lynch & McMeeking, $6.25; A. E. Malacord, $10; Martin & McGowan, $93.60; McRae Bros., $1; Pacific Cartage, Ltd., $29; Pacific Coast Steve-			
	Carried forward		$ 54,299 23	$1,057,060 82 $244,716 29

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF PUBLIC WORKS—*Continued.*			
194.	ROADS, STREETS, BRIDGES, AND WHARVES—*Continued.*			
	Prince Rupert—Concluded.			
	Brought forward	$ 54,299 23	$1,057,060 82	$ 244,716 29
	Wharves—*Concluded.*			
	Prince Rupert Wharf—*Concluded.*			
	Maintenance and Repairs—*Concluded.*			
	Miscellaneous—*Concluded.*			
	doring & Contracting Co., $84.65; Parkin & Ward Electric Co., $53.17; postage, $22; Prince Rupert Coal Co., $30; Prince Rupert Pile Driving Co., $105; Steen & Longwill, $165.65; F. Stork, $31.60; Terminal Coal Co., $13; G. Waddell, $33; H. S. Wallace, Ltd., $2.90			
	Queen Charlotte City Wharf ($328.22):			
	D. Cochrane, $11.40; Georgetown Lumber Co., $58.06; G.T.P. Town & Development Co., $163.16; pay-list, $95.60	6,182 83		
	Total expenditure, Prince Rupert District		60,482 06	
	Revelstoke District.			
	Roads and Streets:			
	Maintenance and Repairs:			
	General Foreman, J. B. MacKenzie, salary $1,800, expenses $410.64			
	Clerk, J. Lee, $50			
	Pay-lists, labour and team-work, $17,445.10			
	Miscellaneous:			
	O. W. Abrahamson, $49.15; W. Bews, $1.50; Canadian Explosives, Ltd., $500; C.P.R. Co., $36.74; Can. Swanson's Ltd., $10.65; City of Revelstoke, $3; City Transfer and Warehouse Co., $232.55; Columbia Hardware Co., $627.74; Dominion Express Co., $1.20; E. C. Fromey, $10.80; N. Hoglund, $34.80; J. L. Hoskinson, $1.60; L. A. Howson, $24; T. S. Huggard, $150; Hume & Co., $6.25; Imperial Oil, Ltd., $98.39; King's Printer, $15.32; Kootenay Agencies, Ltd., $13.75; L. P. LeBeau, $28; H. Manning, $90.14; L. C. Masson, $151.20; McCormick & Orser, $209.56; A. McIntosh, $5.50; S. McMahon, $70.90; Palace Livery, $20.50; S. Parsons, $13.90; Pradolini Bros., $3.75; S. G. Robbins, $3; R. Simpson, $17.80; Sturdy Hardware Co., $490.61; Wood, Vallance & Leggat, Ltd., $147.97			
		$22,776 01		
	By cash	25 60		
			$ 22,750 41	
	Bridges:			
	Maintenance and Repairs:			
	Pay-lists, labour and team-work, $6,243.22			
	Miscellaneous:			
	O. W. Abrahamson, $32.75; C.P.R. Co., $67.50; City Transfer Co., $103.26; Columbia Hardware Co., $98.74; A. Davidson, $7.50; S. Diamond, $22; M. J. Finlayson, $3.30; C. Granstrom, $37; G. Goldsmith, $45; C. B. Hume & Co., $29.55; J. P. Kelly, $30; H. J. LaBrash, $58.11; N. MacDonald, $9; J. B. MacKenzie, $1.93; H. Manning, $417; L. C. Masson, $8.20; McCormick & Orser, $170.20; A. McIntosh,			
	Carried forward	$ 22,750 41	$1,117,542 88	$ 244,716 29

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF PUBLIC WORKS—*Continued.*			
194.	ROADS, STREETS, BRIDGES, AND WHARVES—*Continued.*			
	Revelstoke District—Concluded.			
	Brought forward	$ 22,750 41	$1,117,542 88	$ 244,716 29
	Bridges—*Concluded.*			
	Maintenance and Repairs—*Concluded.*			
	Miscellaneous—*Concluded.*			
	$2.20; S. McMahon, $72.45; Pradolini Bros., $7.50; G. Ritchie, $4; E. G. Shederberg, $67.64; R. Simpson, $12.50; B. F. Somerville, $231.17; Sturdy Hardware Co., $59.20; J. P. Sutherland, $5.85; Wood, Vallance & Leggat, $114.75	7,961 52		
	Wharves:			
	Hall's Landing:			
	City Transfer Co., $13.46; Hall Bros., $54; Hume & Co., $2.95; R. Logan, $4.80; S. McMahon, $9; R. Simpson, $15; Sturdy Hardware Co., $4.70; Wood, Vallance & Leggat, Ltd., $6.37; pay-lists, $107.26	217 54		
	Protection of River-banks:			
	Illecillewaet River:			
	City Transfer Co., $5.35; pay-lists, $590.25	595 60		
	Total expenditure, Revelstoke District		31,525 07	
	Richmond District.			
	Roads and Streets:			
	Maintenance and Repairs:			
	Assistant Engineers:			
	E. D. Todd, salary $630, expenses $168.75; W. P. Beaven, salary $125, expenses $155.66			
	Stenographer, G. M. McDonald, $270			
	Miscellaneous:			
	Battery House, 75c.; Corp. of District of South Vancouver, $2,250; Dom. Blue Print Co., 50c.; A. C. Evens, $63.60; Excelsior Cycle Co., $43.17; Harrison & Lamond, $7,849.13; King's Printer, $30.70; McLennan, McFeely & Co., 75c.; Vancouver Daily Province, $44.40; Vancouver Daily Sun, $34.80; Vancouver Map & Blue Print Co., $1.30; Woodley Motor Cycle Co., $76.45	$ 11,744 96		
	Point Grey Roads:			
	Assistant Engineer, E. D. Todd, salary $315, expenses $64.65			
	Stenographer, G. M. McDonald, $130			
	Pay-lists, labour and team-work, $1,665.16			
	Miscellaneous:			
	Corporation of Municipality of Point Grey, $7,437.54; H. T. Edmonds, $32.25; False Creek Transfer, $52; Hanbury & Co., $47.70; J. K. Miller Co., Ltd., $19.25; McLennan, McFeely & Co., Ltd., $38.34; Pacific Coast Pipe Co., Ltd., $168.46; Pacific Rubber Tire & Repair Co., $21.65; Provincial Police, $5; G. P. Stocks, $3	10,000 00		
	Bridges:			
	Maintenance and Repairs:			
	Pay-lists, labour and team-work, $6,459.16			
	Miscellaneous:			
	A. L. Amiel, $42; G. R. Amess, $1.50; W. Bales, $25; Beaver Inter. Auto Transfer, $75; B.C. Anchor Fence Co., $21.75; B.C. Draft & B.P. Co., $1.90; R. Brown, $9; W. B. Brown,			
	Carried forward	$ 21,744 96	$1,149,067 95	$ 244,716 29

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF PUBLIC WORKS—*Continued.*			
194.	ROADS, STREETS, BRIDGES, AND WHARVES—*Continued.*			
	Richmond District—Concluded.			
	Brought forward	$ 21,744 96	$1,149,067 95	$ 244,716 29
	Bridges—*Concluded.*			
	Maintenance and Repairs—*Concluded.*			
	Miscellaneous—*Concluded.*			
	60c.; Burke & Cameron, $10; J. D. Cameron, $58.50; J. Cannon, $17; Clugston & Barton, $116.16; Coast Lumber & Fuel Co., $37.50; Columbian Co., $18; Dept. Public Printing (Ottawa), $9; Eburne Gravel Co., $51.65; Eburne Saw Mills, Ltd., $1,109.14; Eburne Transfer, $1; E. A. Eriks, $6; Evans, Coleman & Evans, $25.20; A. W. Fraser, $3; Fraser River Cooperage, $10.50; Fraser River P.D. Co., $208; J. Grauer, $75; R. M. Grauer, $1.50; W. Greenless, $15,698.95; G. W. Hamilton, $14.13; T. R. Hanson, $57; Hopper Hardware Co., $14.45; A. E. Mann, $165.37; A. Mitchell, $2.85; McLennan, McFeely & Co., $537.03; L. H. Richards, $30.50; Small & Bucklin Co., $3,757.01; Shull Lumber & Shingle Co., $108.30; South Vancouver Builders Supply Co., $29.40; Stiles & Towell, $115; Vancouver Daily Province, $14.40; Vancouver Daily Sun, $88.95; Vancouver Lumber Co., $422.80; Vancouver M. & B.P. Co., 75c.; Times P. & P. Co., $22.40; M. R. Wells, $144; H. Wittby, $1.50	29,617 85		
	Wharves:			
	Ladner-Woodward's Landing:			
	G. R. Amess, $55.65; Dominion Shingle and Cedar Co., $60.56; Eburne Gravel Co., $21; Ladner Lumber Co., $185.22; E. Lovering, $104.50; A. E. Mann, $139.80; L. H. Richards, $5.40; M. R. Wells, $67; pay-lists, $339	978 13		
	Protection of River-banks:			
	Steveston Protection Dykes:			
	Corporation of Municipality of Richmond	2,367 74		
	Total expenditure, Richmond District		54,708 68	
	Rossland District.			
	Roads and Streets:			
	Maintenance and Repairs:			
	General Foremen:			
	A. D. Christie, salary $125, expenses $3.40; P. J. Gallaher, salary $300, expenses $20.25			
	Pay-lists, labour and team-work, $4,985.84			
	Miscellaneous:			
	C.P.R. Co., $1; Con. Mining & Smelting Co., $230.58; Hunter Bros., $45.80; McKay & Beverley, $32.60; Nelson Transfer Co., 66c.; Plester Cartage & Livery Co., $1; West Transfer Co., 50c.	$ 5,746 63		
	Bridges:			
	Maintenance and Repairs:			
	Pay-lists, labour and team-work, $323.50			
	Miscellaneous:			
	C.P.R. Co., $5.30; Dominion Express Co., $18.45; Fox & Grant, $6; Henderson's Livery, $17.50; Wattsburg Lumber Co., $322.82	693 57		
	Total expenditure, Rossland District		6,440 20	
	Carried forward		$1,210,216 83	$ 244,716 29

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF PUBLIC WORKS—*Continued.*			
194.	ROADS, STREETS, BRIDGES, AND WHARVES—*Continued.*			
	Brought forward		$1,210,216 83	$ 244,716 29
	Saanich District.			
	Roads and Streets:			
	Maintenance and Repairs:			
	Pay-lists, labour and team-work, $943.50			
	Miscellaneous:			
	B.C. Pottery Co., Ltd., $6.12; Canadian Explosives, Ltd., $15.13; Corp. of Dist. of Saanich, $552.50; S. Johns, $6; H. Martin, $12; E. & T. Raper, $12.75	$ 1,548 00		
	Total expenditure, Saanich District		1,548 00	
	Similkameen District.			
	Roads and Streets:			
	Maintenance and Repairs:			
	General Foreman, F. Fraser, salary $1,800, expenses $422.40			
	Stenographer, B. M. Snowden, $300			
	Pay-lists, labour and team-work, $20,679.18			
	Miscellaneous:			
	Amer Rly. Express Co., $3.60; F. H. Bassett, $4.50; Boeing & Brass, $17.95; Brooks-McKenzie Lumber Co., $399.76; E. E. Burr, $31.15; Roy Connor, $14.90; Can. Cons. Rubber Co., Ltd., $84.28; F. P. Cook, $32.65; E. W. Cook, $6.32; W. Dalrymple, $30.75; Dom. Govt. Telegraphs, $22.90; F. H. French, $40; G.N. Rly. Co., $44.35; C. Greer, $1.40; A. S. Hatfield, $52.50; Hedley Gold Mining Co., $27; F. Howell, $7.70; A. E. Howse Co., Ltd., $111.10; J. Jameson, $3.25; A. Jones, $25.75; Jones & Rant, Ltd., $87.01; Kaleden Irr. & Power Co., $8.96; Kettle Valley Rly., $125; Keremeos Hardware, $4.15; King's Printer, $19.01; J. F. Madore, $178.85; C. W. Maloan, $11.80; E. Mills, $101.40; Morley & Co., Ltd., $7.90; J. P. McCuddy, $4; A. J. McGibbon, $84; I. McTavish, $4.50; Newton & Sinclair, $1.10; J. H. Partridge, $13; Penticton Hardware Co., $19.14; Penticton Dray and Express Co., $3; Penticton Tire Hospital, $23.50; H. A. Phelps, $6.75; postage, $32.50; T. R. Preston, $98.93; Princeton & Coalmont Lumber Co., $191.36; Provincial Police, $10; T. H. Rotherham, 50c.; P. Russell, $18.70; Schubert's Supply Stores, $9.05; A. D. Smith, $6.95; Wells & Burr, $213.55; C. Willarson & Co., $15; D. Yule, $16.50; D. D. Yule, $67.75	$ 25,547 25		
	Bridges:			
	Maintenance and Repairs:			
	Pay-lists, labour and team-work, $11,295			
	Miscellaneous:			
	J. M. Adams, $1; J. J. Armstrong, $5.45; Brooks-McKenzie Lumber Co., Ltd., $2,826.44; Brunette Sawmill Co., Ltd., $2,180.30; Can. Junk Co., $583.65; Canadian Western Lumber Co., Ltd., $1,589.04; W. Dalrymple, $87.25; Dom. Govt. Tel., $3.12; Evans, Coleman & Evans, $54.70; V. Fetterley, $1.40; L. Gibson, $75; G.N. Express Co., 35c.; G.N. Rly. Co., $313.83; J. Gulliford, $37.50; A. S. Hatfield,			
	Carried forward	$ 25,547 25	$1,211,764 83	$ 244,716 29

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF PUBLIC WORKS—*Continued.*			
194.	ROADS, STREETS, BRIDGES, AND WHARVES—*Continued.*			
	Similkameen District—Concluded.			
	Brought forward	$ 25,547 25	$1,211,764 83	$ 244,716 29
	Bridges—*Concluded.*			
	Maintenance and Repairs—*Concluded.*			
	Miscellaneous—*Concluded.*			
	$2.50; Heaps & Sons, $357.52; Hedley Gold Mining Co., Ltd., $26.75; A. E. Howse Co., Ltd., $302.15; H. H. Huff, $10; Imperial Oil, Ltd., $33.55; D. J. Innis, $16.72; J. Jamieson, $4; Kettle Valley Rly., $508.55; F. R. Macdonald, $44.79; J. F. Madore, $17; L. W. Mickel, $33.40; R. L. Miles, $105.33; E. Mills, $6.90; H. B. Morley & Co., Ltd., $58.15; R. Parmley, $2; Penticton Hardware Co., $43.90; Penticton Herald, $13.55; W. Powers, $6.80; T. R. Preston, $57.50; Princeton & Coalmont Lumber Co., $397.07; Princeton Coal & Land Co., Ltd., $30.90; Princeton Star, $5.40; Review Pub. Co., $5; Ross & Howard Iron Works Co., $1,820.51; P. Russell, $40; A. E. Schultz, $4; South Okanagan Transportation Co., $4; A. C. van Buskirk, $10; Vancouver Engineering Works, Ltd., $689.31; J. Webster, $17.50; Wells & Burr, $21.05; C. Willarson & Co., $48; Western Union Tel. Co., 56c.; J. Wilson, $31.60	23,829 99		
	Total expenditure, Similkameen District		49,377 24	
	Slocan District.			
	Roads and Streets:			
	Maintenance and Repairs:			
	Assistant Engineer, H. J. Duffield, salary $1,800, expenses $801.10			
	General Foreman, A. L. Levy, salary $72.58, expeneses $29.90			
	Pay-lists, labour and team-work, $19,879.80			
	Miscellaneous:			
	Angell Hardware Store, $18.70; W. J. Banting, $13.60; Black & Cameron, $5.40; B.C. Tel. Co., $7.30; Burton Farmers Co-op. Assn., Ltd., $17.80; H. L. Butchart, $4.50; R. Calder, $7.50; C.P.R. Co. Tel., $11.49; City Drug and Stationery Co., $6; Clarke & Stuart Co., Ltd., $3; W. Clough, $34.75; R. Cooper, $3; C. Cunningham, $1,732.26; G. Craft, $3.30; Dom. Express Co., $21.30; Dom. Govt. Tel. Service, $2.15; J. Fesser, $1.30; A. J. Graham, $37.88; T. H. Hoben, $13.52; Howson & Co., Ltd., $7.25; A. Hubner, $2.75; Jones & Rant, Ltd., $365.40; King's Printer, $84.44; H. R. Kitto, 60c.; H. LaBrash, $30; G. Millar, $30; T. Millar, $4; J. S. Morrison, 70c.; D. McVeigh, $1; Nelson Hardware Co., $12.05; Pioneer Livery & Feed Stables, $37; postage, $32.85; Quance Lumber Co., Ltd., $107.23; J. M. Rae, $6; P. Schomberg, $10; Silverton Lumber & Power Co., Ltd., $113.21; J. B. Smith, $7.75; E. W. Somers, $42.65; R. Stevens, $17.25; J. Thomson, $29.60; H. C. Tomlinson, $4.50; S. J. Towgood, $10; G. Trickett & Son, $12.85; Wagstaff & Vestrup,			
	Carried forward		$1,261,142 07	$ 244,716 29

No. of Vote.	SERVICE.		Expended.
	DEPARTMENT OF PUBLIC WORKS—*Continued.*		
194.	ROADS, STREETS, BRIDGES, AND WHARVES—*Continued.*		
	Slocan District—Concluded.		
	Brought forward	$1,261,142 07	$ 244,716 29
	Roads and Streets—*Concluded.*		
	Maintenance and Repairs—*Concluded.*		
	Miscellaneous—*Concluded.*		
	$24.95; J. Webster, $6; West Transfer Co., $10.28; T. H. Wilson, $73.55; Wood, Vallance Hardware Co., Ltd., $55.27	$ 25,692 26	
	Bridges:		
	Maintenance and Repairs:		
	Pay-lists, labour and team-work, $7,557.42		
	Miscellaneous:		
	R. Andrews & Co., $12; J. E. Angrignon, $8; P. Angrignon, $89.50; C. S. Ball, $1.53; Black & Cameron, $2; G. R. Bryan, $7.20; Burton Farmers' Co-op. Assn., $14; H. L. Butchart, $5.50; W. G. Campbell, $22.45; C.P.R. Co., $51.41; W. Clough, $2.75; Dominion Express Co., $8.50; Dom. Govt. Tel. Co., 95c.; Ellis Silver Mining Co., $3.50; Forest Mills of B.C., Ltd., $300.48; E. Graham, $10; A. J. Graham, $373.59; G. M. Gunn, $5; T. H. Hoben, $107.77; A. Jacobson, $47; G. Mackinson, 90c.; T. McNeish, $1.43; Nakusp Trading Co., $1.72; Nelson Hardware Co., $73.77; Nelson Iron Works, $12.58; O. Olsen, $28.50; Pioneer Livery Stables, $10; Quance Lumber Co., $37.15; J. M. Rae, $14; P. J. Rahal, $16.20; Redlands Trad. Assn., $3.42; Silverton Lumber & P. Co., $880.95; E. W. Somers, $8.90; J. B. Smith, $1.75; J. Thomson, $2.30; S. J. Towgood, $3; Wagstaff & Vestrup, $4.50; Wattsburg Lbr. Co., $470.28; West Transfer Co., $7.38; T. H. Wilson, $4; Wood, Vallance Hardware Co., $35.11	10,248 39	
	Total expenditure, Slocan District		35,940 65
	South Okanagan District.		
	Roads and Streets:		
	Maintenance and Repairs:		
	General Foreman, T. J. McAlpine, salary $1,800, expenses $833.75		
	Clerks:		
	K. F. Babbitt, $23.20; C. P. Nelson, $157.20		
	Pay-lists, labour and team-work, $18,040.03		
	Miscellaneous:		
	H. Andison, $187; E. M. Andrews, $25; W. M. Armour, $1.60; O. Atkins, $2; J. W. B. Browne, $2.45; Can. Cons. Rubber Co., $42.14; C.P.R. Co., $9.66; I. S. Chamberlin, $60.35; J. H. Clements, $7.10; Corporation of City of Kelowna, $16.25; G. Craig, $10; T. Davies, $2.90; Dom. Glazed Cement Pipe Co., Ltd., $24.64; T. Elliott, $10.05; R. H. English, $9; Galbraith & Speer, $66; C. Greer, $23; G. O. Guise, $53.60; B. L. Hatfield, $229.52; W. Haug, $46.35; L. Hayman, $1.50; C. H. Jackson, $5; Jenkins Co., Ltd., $3.25; Kelowna Courier, $13.64; Kelowna Land & Orchard Co., $6; Kelowna Saw Mill Co., Ltd., $556.91; Kettle Valley Railway, $57.23; King's Printer,		
	Carried forward	$1,297,082 72	$ 244,716 29

No. of Vote.	SERVICE.		Expended.
	DEPARTMENT OF PUBLIC WORKS—*Continued.*		
194.	ROADS, STREETS, BRIDGES, AND WHARVES—*Continued.*		
	South Okanagan District—Concluded.		
	Brought forward	$1,297,082 72	$ 244,716 29
	Roads and Streets—*Concluded.*		
	Maintenance and Repairs—*Concluded.*		
	Miscellaneous—*Concluded.*		
	$11.85; T. Lawson, Ltd., $6; D. Leckie, $32.25; A. G. Legault, $2; H. B. Morley & Co., Ltd., $14.20; Morrison-Thompson Hardware Co., $170.55; Mun. of Summerland, $3.60; Naramata Supply Co., Ltd., $56.35; Okanagan Lake Boat Co., $1; Okanagan Tel. Co., Ltd., $35; Penticton Dray & Express Co., $1; postage, $8; W. Ritchie, $41.54; W. R. Shields, $4.50; Smith & McCubbin, $23.70; A. K. Stuart, $1.15; Summerland Drug Co., $1.75; Summerland Supply Co., Ltd., $67.85; Summerland Telephone Co., $23.85; G. Thompson, $18; Vernon Hardware Co., $35.20; H. Williams, $1.25; M. J. B. Wilson, $50	$ 22,936 91	
	Bridges:		
	Maintenance and Repairs:		
	Pay-lists, labour and team-work, $1,312.05		
	Miscellaneous:		
	Brunette Saw Mill, Ltd., $707.59; Can. Inspection and Testing Laboratories, Ltd., $5; C.P.R. Co., $3.50; I. S. Chamberlin, $25.05; R. H. English, $1.50; Heaps & Sons, $650; Jenkins Co., Ltd., $12.40; A. Johnson, $74.65; Kelowna Land & Orchard Co., $3.80; Kelowna Saw Mill Co., Ltd., $178.68; D. Leckie, $30.50; F. R. Macdonald, $10.60; Morrison Thompson Hardware Co., $114.60; Ross & Howard Iron Works, Ltd., $390; S. C. Smith Lumber Co., Ltd., $19.60	3,539 52	
	Wharves:		
	Kelowna Westbank Ferry:		
	Kelowna Saw Mill Co., Ltd., $4.44; D. Leckie, $5.55; pay-list, $4	13 99	
	Protection of River-banks:		
	Mission Creek:		
	Kelowna Land & Orchard Co., $6.12; pay-lists, $418.12	424 24	
	Total expenditure, South Okanagan District		26,914 66
	South Vancouver District.		
	Roads and Streets:		
	Maintenance and Repairs:		
	Assistant Engineers:		
	W. P. Beaven, salary $225, expenses $119.66; E. D. Todd, salary $450, expenses $185.72		
	Street Inspector, A. C. Evans, salary $170, expenses $8.50		
	Plant Inspector, J. Greenwood, $175		
	Stenographer, G. M. McDonald, $200		
	Miscellaneous:		
	Clarke & Stuart Co., Ltd., $3.25; Corp. of District of Burnaby, $9,087.87; Corp. of Dist. of South Vancouver, $2,130.34; Dom. Govt. Telegraphs, 50c.; Excelsior Cycle Co., $21.60	$ 12,777 44	
	Total expenditure, South Vancouver District		12,777 44
	Carried forward	$1,336,774 82	$ 244,716 29

No. of Vote.	SERVICE.		Expended.
	DEPARTMENT OF PUBLIC WORKS—*Continued.*		
194.	ROADS, STREETS, BRIDGES, AND WHARVES—*Continued.*		
	Brought forward	$1,336,774 82	$ 244,716 29
	Trail District.		
	Roads and Streets:		
	Maintenance and Repairs:		
	General Foreman, P. J. Gallagher, salary $1,200, expenses $340.65		
	Pay-lists, labour and team-work, $20,918.67		
	Miscellaneous:		
	Appleton Bros., $10.80; The Ark, $15.50; Benton Pole & Lbr. Co., $22.48; A. Bremner, $12.70; B.C. Telephone Co., Ltd., $6.35; J. H. Campbell, $2.50; Canadian Explosives, Ltd., $149.82; C.P.R. Co., $15.22; City Drug and Stationery Co., $1.20; Cons. M. & S. Co., $3.86; Can. Cons. Rubber Co., $21.07; Crescent Valley Store, $17.45; A. Cruickshank, $1; C. Curtis, $2; Daily News, Nelson, $8.96; Dom. Express Co., $7.40; F. H. Drake, $6; Edgewood Lumber Co., $158.46; Forest Mills of B.C., $52.21; J. W. Falls, $20.68; Giant Powder Co., $84.50; J. R. Hunnex, $15; Imperial Oil, Ltd., $18.86; Jones & Rant, $342.10; S. J. Kennedy, $1; G. A. Kennington, $7.25; King's Printer, $70.54; Kootenay Shingle Co., $48; H. LaBrash, $57.25; A. G. Lambert Co., Ltd., $30.48; A. L. McCulloch, $1,039; Nelson Hdwe. Co., $104.49; Nelson Iron Works, Ltd., $47.55; Nelson Transfer Co., $118.35; S. F. Peterson, $105; postage, $30; P. J. Rahal, $1.50; J. R. Randall, $24.41; Salmo Trading Co., $12.05; F. J. Sammons, $10.50; Slocan Valley Lumber Co., $28.43; Trail Merc. Co., Ltd., $9.63; Wagstaff & Vestrup, $21.35; West Transfer Co., $3.30; J. Williamson, $5; H. Wilmes, $12.16; W. Winstanley, $100; Wood, Vallance Hardware Co., $2.40; Ymir Livery Stables, $22	$ 25,367 08	
	Bridges:		
	Maintenance and Repairs:		
	Pay-lists, labour and team-work, $2,898.99		
	Miscellaneous:		
	Appleton Bros., $70.13; Benton Pole & Lbr. Co., $99.32; R. J. Campbell, $8; W. G. Campbell, $5.55; C.P.R. Co., $5.55; W. K. Carpenter, $4; H. C. Davis, 60c.; Dom. Express Co., $12.35; Edgewood Lbr. Co., $6.06; J. W. Falls, $50.32; Forest Mills of B.C., $273.77; A. G. Lambert Co., $6.01; Nelson Hardware Co., $123.25; Nelson Transfer Co., $30; O. Opsahl, $40.55; A. E. Pittaway, $2,221; P. J. Rahal, $2; J. R. Randall, $46.93; T. S. Richardson, $18.12; Salmo Meat Market, $6.12; Salmo Trading Co., $7.20; J. Sawvell, $6; N. Shoustoff, $2.88; Wagstaff & Vestrup, 70c.; Wattsburg Lumber Co., $261.55; West Transfer Co., $21; N. Wilmes, $19; Wood, Vallance Hardware Co., $4.40	6,251 45	
	Total expenditure, Trail District		31,618 53
	Carried forward	$1,368,393 35	$ 244,716 29

No. of Vote.	SERVICE.	Expended.

DEPARTMENT OF PUBLIC WORKS—*Continued.*

194. ROADS, STREETS, BRIDGES, AND WHARVES—*Continued.*

Brought forward ..... $1,368,393 35 $ 244,716 29

Yale District.

Roads and Streets:
Maintenance and Repairs:
Assistant Engineers:
L. A. Teitelbaum, salary $1,267.75, expenses $550.14; G. B. Whitehead, salary $735, expenses $395.46
Pay-lists, labour and team-work, $25,039.98
Miscellaneous:
Armstrong's Departmental Store, $217.17; E. Archibald, $78.50; M. R. Archibald, $59.50; G. B. Armstrong, $260.29; Armstrong's, Ltd., $1,347.23; Ashcroft Water, E. & I. Co., $25; Bagley & Sons, $2.75; Bk. of Montreal, Merritt, $56.15; Bk. of Toronto, $33.95; Barnes Estate, Ltd., $10; E. Barrett, $16.87; R. F. Barrett, $16.51; N. J. Barwick, $7.75; Black Bros., Ltd., $91.50; C. Brophy, $43; B.C. Equip. Co., Ltd., $134.01; Can. Cons. Rubber Co., Ltd., $83; S. D. H. Chiswell, $20; R. L. Clark, $109.50; Clark & Stuart Co., Ltd., $8.64; H. S. Cleasby, $67; A. Clemes, $153.27; F. P. Cook, $11.45; J. Collett, $13.50; J. G. Collins, $215.60; J. Conti, $100.36; H. V. Cottrell, $111.95; T. Curnow, $5; W. Dalrymple, $2; J. David, $46.90; J. Davidson, $22.50; J. Davis, $30.14; L. Dawson, $16.65; O. E. Dent, $11.70; Dom. Govt. Telegraphs, $50.97; M. Dumond, $192.56; J. L. Dunlop, $237.85; D. English, $29.75; J. A. Fields, $7.20; A. M. Fraser, 6.96; C. H. Gibson, $6.25; T. B. Grant, $5; W. Green, $14.40; J. Guichon, $16.60; Harmon & Ward, $282.67; Harvey, Bailey, Ltd., $311.05; C. Hawkins, $2; W. P. Haynes, $2; G. Herrling, $7; W. Higginbottom, $5; Hill, Ltd., $58.70; A. E. Howse Co., Ltd., $7.05; W. O. Huston, $2; Imperial Oil, Ltd., $26.91; J. Inkman, $3; C. H. Jones, $79.39; F. Johnston, $22.50; Jones & Rant, Ltd., $154.25; Kettle Valley Rly., $19.22; C. Kilroy, $87.50; King's Printer, $31.26; E. S. Knight, $15; W. A. Langstaff, $4; J. A. Long, $7; F. Loring, $6; E. J. Martell, $24; J. A. Menzies, $6.71; Merritt Herald, $18.96; Merritt Merc. Co., $410.38; D. L. Munro, $97.75; M. L. McAbee, $12.50; T. G. McBride, $2; A. McGoran, $5.19; C. McIntosh, $11.33; McIntosh & Baillie, $459.88; D. R. McKay, $1.28; E. McLellan, $9.60; Nicola Valley Garage, $96.30; Nicola Valley Pine Lumber Co., $2.95; T. Palombie, $28.25; H. W. Parker, $1.25; P. Philip, $1.20; F. L. Peters, $44; L. Price, $6.59; L. J. Price, $19.35; Prov. Police, $10; A. F. Rankine, $1; P. N. Raymond, $6; A. G. Rebagliati, $86.70; N. Rebagliati, $51; P. Rebagliati, $5.50; Rockwell, Theal & Davidson, Ltd., $384; C. A. Semlin, $5; H. T. Shelton, $1.15; Similkameen Garage, $15.65; A. Smith, $4; Smith & Bryson, $154.50; Snowball (Indian), $10; St. George's School, Lytton, $26.45; R. Stoddart, $6.59; R.

Carried forward ..... $1,368,393 35 $ 244,716 29

No. of Vote.	SERVICE.		Expended.
	DEPARTMENT OF PUBLIC WORKS—*Continued.*		
194.	Roads, Streets, Bridges, and Wharves—*Continued.*		
	Yale District—Concluded.		
	Brought forward	$1,368,393 35	$ 244,716 29
	Roads and Streets—*Concluded.*		
	Maintenance and Repairs—*Concluded.*		
	Miscellaneous—*Concluded.*		
	Strachan, $8; J. Taverna, $6.40; G. W. Thompson, $72; Tong Sing, $201.80; R. Trodden, $13.94; A. C. Vincent, $220.80; Walhachin Store, $69.30; J. Walker, $6; R. Walker, $4.50; F. Watkinson, $15; G. M. Watson, $36.50; Wells & Burr, $10; M. Willgoose, $4; T. Williams, $6	$ 35,819 96	
	Bridges:		
	Maintenance and Repairs:		
	Pay-lists, labour and team-work, $7,930.07		
	Miscellaneous:		
	Adams River Lumber Co., $539.78; Armstrong's, Ltd., $88.54; Ashcroft Hotel, $31.25; L. Atwine, $39.52; C. A. Bigney, $22.50; R. W. Bruhn, $349.60; C.N. Rly., $9.10; A. Clemes, $22.85; J. Collett, $16; J. Conti, $6.72; R. Defreece, $8.40; Dom. Creosoting and Lumber, Ltd., $398.48; M. Dumond, $12.95; J. L. Dunlop, $5.45; F. Elliott, $113.04; W. L. Flood, $2.73; A. M. Fraser, $6; P. Gilboe, $19.25; Globe Hotel, $12.50; T. B. Grant, $5.25; H. S. Griffith, $3.75; Harmon & Ward, $73.90; Harvey, Bailey, Ltd., $11.25; J. Howell, $10; Loring Bros., $24.16; E. J. Martell, $20.38; J. A. Menzies, Ltd., $133.17; Merritt Mercantile Co., $22.56; A. McGoran, $25.87; McIntosh & Baillie, $4.50; E. McLellan, $1.10; Nicola Valley Pine Lumber Co., $214.33; Pacific Tie and Lumber Co., Ltd., $6.08; F. L. Peters, $7; P. Raymond, $4.48; E. B. Richardson, $3.10; W. Rodger, $6.40; J. Roberts, $14.40; Smith & Bryson, $9.99; R. Stoddart, $30.70; R. Trodden, $208.70; Walhachin Stores, $37.28; J. Walker, $4; A. C. Webster, $135.90	10,652 98	
	Protection of River-banks:		
	Coldwater River, Merritt:		
	J. L. Dunlop, $7.50; pay-lists, $327.50	335 00	
	Total expenditure, Yale District		46,807 94
	Road Machinery.		
	E. G. Alcock, $2,050; Brown-Fraser & Co., Ltd., $471; C.P.R. Co., $78.03; City Transfer Co., $3; Collector of Customs, $187.50; Contractors Machinery & Storage Co., $508; H. A. Davie, $3,522.07; A. L. Demmon, $550; Ford Motor Co., $882.03; Grand Forks Garage Co., $2,095.77; Gurd & Spreull, $300; E. Hall & Son, $843.33; Kootenay Garage, $724; A. B. Kyle, $2,500; A. C. Lariviere, $375; W. R. Megaw, $1,000; W. McCullough, $115; T. R. McKamey, $65; McLaughlin Carriage Co., Ltd., $1,435; S. McMahon, $14.50; Okanagan Lake Boat Co., Ltd., $8; T. Plimley, $7,839.81; Provincial Police, $17; Ridley-Kennedy, Ltd., $365; W. H. Sherman, $600; Standard Milk Co., Ltd., $250; Storey & Campbell, $609.10; T. J.		
	Carried forward	$1,415,201 29	$ 244,716 29

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF PUBLIC WORKS—*Continued.*			
194.	ROADS, STREETS, BRIDGES, AND WHARVES—*Concluded.*			
	Road Machinery—Concluded.			
	Brought forward		$1,415,201 29	$ 244,716 29
	Trapp & Co., Ltd., $21.40; Vancouver Engineering Works, Ltd., $32.75; Victor Roux & Co., $160; A. T. Windt, $90	$ 27,712 29		
	Total expenditure, Road Machinery		27,712 29	
	Bridges Generally.			
	Bridge Inspector, T. Kilpatrick, salary $2,400, expenses $1,252.55 B.C. Drafting & Blue Print Co., $1.25; Elec. Blue Print & Map Co., $5.65; King's Printer, $121.74	$ 3,781 19	3,781 19	
	Incidentals.			
	Can. Explosives, Ltd., $2,082.50; King's Printer, $2,891.90; Lands Dept. (blue-prints), $813.95	$ 5,788 35	5,788 35	
	Total expenditure, Roads, Streets, Bridges and Wharves			1,452,483 12
	Summary.			
	Roads and Streets	$ 929,522 82		
	Bridges	413,144 56		
	Wharves	44,091 40		
	Protection of River-banks	46,931 05		
	McKenney Creek Diversion	13,004 94		
	Incidentals	5,788 35		
	Total	$1,452,483 12		
195.	STEAMBOATS, FERRIES, AND BRIDGES.			
	Subsidies and Maintenance:			
	Barnston Island Ferry.			
	Ferryman.....G. Nesbit	$ 600 00		
	Miscellaneous: Can. Fairbanks, Morse, Ltd., $7.80; Imperial Oil, Ltd., $51.58; T. J. Trapp & Co., $4.20	63 58	$ 663 58	
	Columbia River, Castlegar Ferry.			
	Pay-list	$ 891 25		
	Miscellaneous: F. L. Bloomer, $28.50; C.P.R. Co., $3.06; Green, Burden & Co., $9.50; Nelson Daily News $5.40; Nelson Hardware Co., $20.13; L. H. Rawlings & Co., $1,861.45; T. A. Walsh & Co., $560; Wattsburg Lumber Co., $870.76; West Transfer Co., $2	3,360 80	4,252 05	
	Columbia River, Goldstream Ferry.			
	Ferryman.....T. Maloney		180 00	
	Carried forward		$ 5,095 63	$1,697,199 41

No. of Vote.	SERVICE.		Expended.	
	DEPARTMENT OF PUBLIC WORKS—*Continued.*			
195.	STEAMBOATS, FERRIES, AND BRIDGES—*Continued.*			
	Brought forward	$	5,095 63	$1,697,199 41
	Subsidies and Maintenance—*Continued.*			
	Columbia River, Waterloo Ferry.			
	Ferryman.....Christian Com. of Univ. Bro'hood		500 00	
	Francois Lake Ferry.			
	Ferryman (3½ mos.) .....A. E. Brown	$ 350 00		
	Ferryman (7 mos.) .....W. J. O'Neill	700 00		
	Pay-list	465 25		
	Miscellaneous:			
	Burns Lake Trading Co., $4.50; Can. Express Co., $34.45; A. Chisholm, $89.79; G.T.P. Rly. Co., $118.48; Imperial Oil, Ltd., $580.09; R. R. Jeffrey, $36.14; J. H. Keefe, $25.40; A. W. LePage, $130.01; S. Molice, $30; C. Moore, $15; S. McGregor, $6; J. A. McLean, $222.90; G. McKenzie, $75; Parkin, Ward Elec. Co., $7.50; Prosser & Reid, $74.50; F. Stork, $9.60	1,459 36		
			2,974 61	
	Fraser River, Alexandria Ferry.			
	Ferryman.....J. Moffitt	$ 845 00		
	Pay-list	632 84		
	Miscellaneous:			
	B.C. Express Co., $3.27; Cowan Supply Co., $10; W. T. Ewing, $3.90; J. A. Fraser & Co., $3.85; G.T.P. Rly. Co., $5.21; Hudson's Bay Co., $23.95; Inland Express Co., $11.70; Johnston Bros., $2.50; J. Lazzerin, $27.15; Marshall-Wells Co., $132.83; H. Moffat, $14; J. Reid (estate), $4.50; F. Stork, $28; R. Yorston, $2	272 86		
			1,750 70	
	Fraser River, Agassiz-Rosedale Ferry.			
	Ferryman.....V. G. Haslam	$ 21 00		
	Ferryman.....W. McGrath	3,900 00		
	Ferryman.....S. Prest	866 65		
	Miscellaneous:			
	Chilliwack Progress, $10; King's Printer, $9; Vancouver Daily Province, $35.10; Vancouver Daily Sun, $47.25; A. C. Webster, $17.20	118 55		
			4,906 20	
	Fraser River, Big Bar Ferry.			
	Ferryman.....H. E. Harrison	$ 300 00		
	Ferryman.....J. M. Jones	300 00		
	Ferryman.....W. Schrader	150 00		
	Pay-list	140 00		
	Miscellaneous:			
	Coldwell Bros., $8.25; H. E. Harrison, $1.40; J. Murdoch, $3; W. C. Schrader, $10	22 65		
			912 65	
	Fraser River, Chilliwack-Harrison Ferry.			
	Ferryman.....H. Cartmell	$ 216 98		
	Ferryman.....A. Edwards	59 18		
			276 16	
	Fraser River, Dunster Ferry.			
	Ferryman.....A. D. Bonney	$ 450 00		
	Ferryman.....A. F. Leach	55 00		
	Pay-list	168 25		
	Carried forward	$ 673 25	$ 16,415 95	$1,697,199 41

No. of Vote.	SERVICE.			Expended.	
	DEPARTMENT OF PUBLIC WORKS—*Continued.*				
195.	STEAMBOATS, FERRIES, AND BRIDGES—*Continued.*				
	Brought forward	$ 673 25	$	16,415 95	$1,697,199 41
	Subsidies and Maintenance—*Continued.*				
	Fraser River, Dunster Ferry—Concluded.				
	Miscellaneous:				
	L. Allgier, $2.25; P. Burns & Co., $2.50; C. Erickson, 50c.; E. Lee, $3.50; McBride Trading Co., $2.76; T. Nelson, $1.20; Nor. Lbr. & Mercantile Co., $69.15; R. Wilkinson, $1.10	82 96			
				756 21	
	Fraser River, High Bar Ferry.				
	Ferryman (3 mos.) .....M. McDonald	$ 150 00			
	Ferryman (6 mos.) .....W. McDonald	300 00			
	Pay-list	94 00			
	Miscellaneous:				
	N. S. Dalgleish, $37.01; A. G. Jarvis, $3; M. McDonald, $25	65 01			
				609 01	
	Fraser River, Ladner-Woodward Ferry.				
	Salaries:				
	Captain .....W. H. Robinson	$ 1,605 00			
	Engineer .....D. Smith	1,680 00			
	Mate .....R. J. Cook	360 48			
	Mate .....D. Danielson	190 00			
	Mate .....C. Royds	159 00			
	Mate .....P. Taylor	486 67			
	Fireman .....W. A. Manley	481 11			
	Fireman .....J. Morgan	415 18			
	Fireman .....W. Williamson	38 70			
	Deckhand .....K. A. Brown	175 00			
	Deckhand .....D. Danielson	149 00			
	Deckhand .....T. Thirkle	390 00			
	Pay-list	2,437 50			
	Miscellaneous:				
	Albion Motor Exp., 75c.; Anderson & Lusby $421.72; Belyea & Co., Ltd., $22.25; B.C. Tel. Co., Ltd., 50c.; C.P.R. Co., $10,008.62; City Market (N.W.), $8; Columbian Co., Ltd., $9; Crane, Ltd., $466.15; Cunningham Hardware Co., $123.25; Gilley Bros., Ltd., $5,391.09; A. T. Grant, 25c.; Heaps Engineering Co., 50c.; James & McClughan, $372.86; W. R. Jaynes, $372.50; C. H. Jones & Son, Ltd., $274; E. J. Ketchison, $3.60; King's Printer, $5; Lanning, Fawcett & Wilson, $402.35; J. G. Lemon, $2.40; Mainland Boiler Works, $426.29; Merchants, Ltd., $8.50; Monarch T. & T. Co., $10; C. Moulton, $175; D. A. McMillan, $463; A. McNeely, $50; A. Parker, $130; postage, $1.50; Royal City Glass Co., $18.50; B. W. Shiles, $4; Simson, Balkwill & Co., $65.60; Spicer's Asbestos Mfg. Co., $310; Standard Elec. Weld. Co., $1,726; Star Shipyards Co., $3,554.49; Star Shipyards & Westminster Iron Works, $22,519.88; Taylor Electric Co., $5.65; Times P. & P. Co., $5.60; T. J. Trapp & Co., $83.86; Vancouver Daily Sun, $9; Vancouver Eng. Works, $39; Vancouver Mac. Depot, $198; Webb & Gifford, $267.77; Westminster Iron Works, $671.89; Westminster Marine Rly. Co., $236.30; Westminster Motor Express, $8.25; Yarrows, Ltd., $345; H. A. Young, $5	49,222 87			
				57,790 51	
	Carried forward		$	75,571 68	$1,697,199 41

No. of Vote.	SERVICE.		Expended.	
	DEPARTMENT OF PUBLIC WORKS—*Continued.*			
195.	STEAMBOATS, FERRIES, AND BRIDGES—*Continued.*			
	Brought forward		$ 75,571 68	$1,697,199 41
	Subsidies and Maintenance—*Continued.*			
	Fraser River, Lytton (above) Ferry.			
	Ferryman.....M. Johnson	$ 646 85		
	Pay-list	173 00		
	Miscellaneous:			
	McIntosh & Baillie	1 50		
			821 35	
	Fraser River, Macalister Ferry.			
	Ferryman.....W. Babbit	$ 300 00		
	Miscellaneous:			
	Hudson's Bay Co.	50 00		
			350 00	
	Fraser River, McBride Ferry.			
	Pay-list	$ 938 27		
	Miscellaneous:			
	G.T.P. Rly. Co., $105.49; McBride Trading Co., $165.50; F. G. McDonald, $23.94	294 93		
			1,233 20	
	Fraser River, Mission Ferry.			
	Salaries:			
	Captain .....A. A. McKenzie	$ 1,500 00		
	Engineer .....J. Grant	1,320 00		
	Deckhand .....S. Hughes	660 00		
	Pay-list	168 17		
	Miscellaneous:			
	Abbotsford T. & T. Co., $1.35; Abbott & Abbott, $2.90; Battery House, $34; Belyea & Co., $4.60; Can. Gen. Elec. Co., $24.65; T. E. Cutler, $25.10; M. DesBrisay & Co., $41; Dominion Express Co., 75c.; Ferrier & Lucas, $23.65; Fraser & Dyer, $2; Imperial Oil, Ltd., $1,254.98; H. T. Leck, $8; Mainland Nav. Co., $36.60; postage, $5; J. F. Smith Co., $12.25; Westminster Iron Works, $2.14	1,478 97		
			5,127 14	
	Fraser River, Quesnel Ferry.			
	Ferryman.....E. S. Carson	$ 960 00		
	Ferryman.....P. Quinn	75 00		
	Pay-list	577 87		
	Miscellaneous:			
	B.C. Express Co., $15.10; Circle W Motor Boat Co., $100; Cowan Supply Co., $14.90; W. T. Ewing, $5.25; G.T.P. Rly. Co., 77c.; Hudson's Bay Co., $24; Inland Express Co., $9; Johnston Bros., $23.75; J. Lazzerin, $31.60; T. Marion, $33.35; Norwood Bros., $28; J. Reid (estate), $191.54; F. Stork, $14; Wilson, Parker & Bain, $6.40	497 66		
			2,110 53	
	Fraser River, Soda Creek Ferry.			
	Ferryman.....A. Pierce	$ 900 00		
	Pay-list	96 50		
	Miscellaneous:			
	B.C. Express Co., $2; L. J. Crosina, $61.50; Deep Creek Lumber Co., $4; S. J. Marwick, $6; J. Moffett, $20; A. Pierce, $24.60; J. Reid (est.), 55c.; Wah Lee & Co., 50c.; Wilson, Parker & Bain, $6.40	125 55		
			1,122 05	
	Carried forward		$ 86,335 95	$1,697,199 41

No. of Vote.	SERVICE.			Expended.	
	DEPARTMENT OF PUBLIC WORKS—*Continued.*				
195.	STEAMBOATS, FERRIES, AND BRIDGES—*Continued.*				
	Brought forward		$	86,335 95	$1,697,199 41
	Subsidies and Maintenance—*Continued.*				
	Fraser River, 20-Mile Post Ferry (above Lillooet).				
	Ferryman.....J. Montgomery	$ 558 30			
	Miscellaneous:				
	P. Garrigan	96 00			
				654 30	
	Hall's Landing Ferry.				
	Ferryman.....T. S. Huggard	$ 900 00			
	Pay-list	1,186 99			
	Miscellaneous:				
	I. Armstrong, $8; Arrow Lakes Lumber Co., $38; B.C. Equipment Co., $95.16; City Transfer Co., $6.25; Columbia Hardware Co., $22.35; Forest Mills of B.C., $925; Hall Bros., $80; C. B. Hume & Co., $7; Imperial Oil, Ltd., $5.33; C. Johnston, $14.28; R. Logan, $50; S. McMahon, $2.25; R. A. Pilkey, $175; Sturdy Hardware Co., $22.70; Wood, Vallance & Leggat, $14.34	1,465 66			
				3,552 65	
	Kootenay River, Lewis Ferry.				
	Pay-list	$ 84 00			
	Miscellaneous:				
	Forest Mills of B.C., $11.75; Wood, Vallance Hardware Co., $11.75	23 50			
				107 50	
	Kootenay River, Reclamation Farm Ferry.				
	Ferryman.....F. K. Hurry	$ 960 00			
	Pay-list	195 50			
	Miscellaneous:				
	Canyon City Lumber Co., $13.47; E. Eggan, $5.45; E. Simmons, $60; S. A. Speers, $21.25; Wood, Vallance Hardware Co., $273.75	373 92			
				1,529 42	
	Nechako River, Braeside Ferry.				
	Ferryman.....J. Sass	$ 42 00			
	Pay-list	987 76			
	Miscellaneous:				
	Aleza Lake Mills, $315.26; G.T.P. Rly., $65.55; D. C. Hagerdon, $10; J. M. Johnston, $33.65; G. Little Lumber Yards, $23.44; H. C. Ludwig, $54.10; Nechako Machine Shop, $25; R. Reid, $21; E. B. Smith, $80; G. Turnbull, $14.50	642 50			
				1,672 26	
	Nechako River, Hulatt Ferry.				
	Pay-list	$ 1,323 00			
	Miscellaneous:				
	Canadian Express Co., $2.10; C. Gage, $3.50; G.T.P. Rly. Co., $16.39; E. Johnson. $35; J. M. Johnston, $56.10; Leith Bros., $36.65; G. Little Lumber Yard, $245.02; W. A. McKeen, $20.30; McCorkell Bros., $1.30; F. G. McDonald, $18.18; Nechako Drug Co., $1.20; Nechako Feed Stables, $3; Nechako Hotel, $7; Nechako Trading Co., $64.80; R. Reid, $5; Rush Transfer Co., $4; J. W. Sackner, $28	547 54			
				1,870 54	
	Nechako River, No. 3 Indian Reserve Ferry.				
	Ferryman.....E. Donnelly	$ 445 16			
	Ferryman.....R. Harper	41 25			
	Pay-list	427 06			
	Carried forward		$	913 47 $ 95,722 62	$1,697,199 41

No. of Vote.	SERVICE.			Expended.	
	DEPARTMENT OF PUBLIC WORKS—*Continued.*				
195.	STEAMBOATS, FERRIES, AND BRIDGES—*Continued.*				
	Brought forward	$	913 47	$ 95,722 62	$1,697,199 41
	Subsidies and Maintenance—*Continued.*				
	Nechako River, No. 3 Indian Reserve Ferry—Concluded.				
	Miscellaneous: J. Bird, $16; Can. Express Co., $2.50; W. G. D. Harper, $8.50; Leith Bros., $6.20; McBride Trading Co., $1.25; Northern Lumber Co., $7.77; Prince George Citizen, $2; F. Seymour, $1.75; G. B. Williams, 55c.; Wilson, Parker & Bain, $1.25		47 77		
				961 24	
	Nechako River, Fort Fraser Ferry.				
	Ferryman.....G. Barlow	$	249 20		
	Ferryman.....F. Clarke		332 50		
	Pay-list		325 00		
	Miscellaneous: F. Aslin, $69.05; Can. Express Co., 45c.; G. Little Lumber Yards, $12.49; Northern Lumber Co., $5.50		87 49		
				994 19	
	North Thompson River, Black Pool Ferry.				
	Ferryman.....H. Bester	$	322 90		
	Ferryman.....I. Ruddock		323 76		
	Pay-list		374 86		
	Miscellaneous: Adams River Lumber Co., $129.66; C.N. Rly. Co., $49.01; C.P.R. Co., $1.50; N. S. Dalgleish, $62.45; W. J. Ellis & Co., $6.50; W. Hargraves, $6; Kamloops S. & D. Factory, $15; MacBeth & Miller, $15.90; Ship Chandlers, Ltd., $95.25; A. Thomson, $4.65; Wilcox-Hall Co., $76.83		462 75		
				1,484 27	
	North Thompson River, Birch Island Ferry.				
	Ferryman.....R. Alexander	$	315 85		
	Ferryman.....H. North		275 81		
	Miscellaneous: C.N. Rly. Co., $2.41; N. S. Dalgleish, $31.34; W. J. Ellis & Co., $4.99; A. Thomson, $24.65 ..		63 39		
				655 05	
	North Thompson River, Chinook Cove Ferry.				
	Ferryman.....A. L. Foster	$	591 66		
	Pay-list		103 50		
	Miscellaneous: Barriere Lumber Co., $18.30; N. S. Dalgleish, $42.05; W. J. Ellis & Co., $4; D. P. Ferguson, $30; Wilcox-Hall Co., $21	$	115 35		
				810 51	
	North Thompson River, Clearwater Ferry.				
	Ferryman.....R. G. V. Davoren	$	900 00		
	Pay-list		554 25		
	Miscellaneous: C.N. Rly. Co., $36.22; N. S. Dalgleish, $60.54; W. J. Ellis & Co., $9.64; Marlatt & MacKenzie, $2.54; J. Milton, $1.25; J. E. Tedder Lumber Co., $1.25; A. Thomson, $20.35		131 79		
				1,586 04	
	North Thompson River, McClure Station Ferry.				
	Pay-list	$	392 00		
	Carried forward	$	392 00	$ 102,213 92	$1,697,199 41

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF PUBLIC WORKS—*Continued.*			
195.	STEAMBOATS, FERRIES, AND BRIDGES—*Continued.*			
	Brought forward	$ 392 00	$ 102,213 92	$1,697,199 41
	Subsidies and Maintenance—*Continued.*			
	North Thompson River, McClure Station Ferry—Concluded.			
	Miscellaneous: Adams River Lumber Co., $129.67; C.N. Rly. Co., $27; N. S. Dalgleish, $49.70; Kamloops S. & D. Factory, $16.90; J. Milton, $6; Ship Chandlers, Ltd., $369.59; Wilcox-Hall Co., $113.47	712 33	1,104 33	
	North Thompson River, Mount Olie Ferry.			
	Ferryman.....J. M. Collett	$ 940 00		
	Pay-list	60 00		
	Miscellaneous: C.N. Rly. Co., $7.83; N. S. Dalgleish, $6.45; Wilcox-Hall Co., $25.69	39 97	1,039 97	
	North Thompson River, Vavenby Ferry.			
	Ferryman.....D. Pridgeon	$ 591 66		
	Pay-list	33 50		
	Miscellaneous: N. S. Dalgleish	2 60	627 76	
	North Thompson River, Vinsulla Ferry.			
	Ferryman.....J. T. Edwards	$ 377 42		
	Pay-list	486 00		
	Miscellaneous: Arrow Lakes Lumber Co., $4.40; W. R. Austin (estate), $3.25; C. R. Austin, $83.11; N. S. Dalgleish, $86.62; W. J. Ellis & Co., $19.80; D. P. Ferguson, $30; A. Thomson, 70c.	227 88	1,091 30	
	Okanagan Lake, Summerland-Naramata Ferry.			
	Ferryman.....Okanagan Lake Boat Co.	$ 1,000 00		
	Miscellaneous: King's Printer	12 50	1,012 50	
	Okanagan Lake, Kelowna-Westbank Ferry.			
	Ferryman.....L. A. Hayman	$ 1,000 00		
	Miscellaneous: King's Printer	12 95	1,012 95	
	Shuswap Lake, Sorrento-Scotch Creek Ferry.			
	Ferryman.....C. H. Ivens	$ 630 00		
	Ferryman.....J. E. Lindsay	450 00		
	Miscellaneous: Adams River Lumber Co., $270.10; Arrow Lakes Lumber Co., $50; C. L. Barker, $35; C.P.R. Co., $2.67; N. S. Dalgleish, $17.86; Dominion Express Co., $4.72; Dominion Government Telegraphs, $60; T. Eaton Co., Ltd., $2; W. J. Ellis & Co., $14.50; Gray Motor Co., $13.19; W. Hargraves, $7.35; Imperial Oil, Ltd., $63.58; Kamloops Telegram, $4; W. Louie, $262; L. T. Morris, $12; W. T. Smith & Son, $13.50; F. Syson, $453.78; H. Turner, $129; A. E. Wey, $8; Wilcox-Hall Co., $45.03	$ 1,468 28	2,548 28	
	Carried forward		$ 110,651 01	$1,697,199 41

No. of Vote.	SERVICE.		Expended.	
	DEPARTMENT OF PUBLIC WORKS—*Continued.*			
195.	STEAMBOATS, FERRIES, AND BRIDGES—*Continued.*			
	Brought forward		$ 110,651 01	$1,697,199 41
	Subsidies and Maintenance—*Continued.*			
	South Thompson River, Duck's Ferry.			
	Ferryman.....L. S. George	$ 510 97		
	Ferryman.....R. Graham	190 69		
	Pay-list	47 25		
	Miscellaneous:			
	Can. Junk Co., $193.20; N. S. Dalgleish, $37.56; D. P. Ferguson, $33; Monte Creek Trading Co., $5.90; Provincial Police, $78	347 66		
			1,096 57	
	South Thompson River, Pritchard Ferry.			
	Ferryman.....J. W. Christian	$ 530 00		
	Ferryman.....C. H. Ivens	240 00		
	Ferryman.....C. Null	160 00		
	Pay-list	170 25		
	Miscellaneous:			
	Can. Junk Co., $327.35; N. S. Dalgleish, $30.64; Marlatt & McKenzie, $5.60; W. P. Pritchard, $3.05; A. Thomson, $8.25; Wilcox-Hall Co., $35	409 89		
			1,510 14	
	Stuart River, Fort St. James Ferry.			
	Ferryman.....J. Alexander	$ 639 68		
	Pay-lists	219 13		
	Miscellaneous:			
	Can. Express Co., 35c.; Dickinson & Sons, $85.47; Hudson's Bay Co., $34.40; J. M. Johnston, $7.10; A. C. Murray, $1.56; J. McIntyre, $5	133 88		
			992 69	
	Skeena River, Breckenridge (Remo) Ferry.			
	Ferryman.....J. Neidhart	$ 450 00		
	Pay-list	156 25		
	Miscellaneous:			
	Howe & McNulty	20 63		
			626 88	
	Skeena River, Cedarvale Ferry.			
	Ferryman.....J. Thompson	$ 578 65		
	Pay-list	101 75		
	Miscellaneous:			
	G.T.P. Town and Development Co., $120.12; Howe & McNulty, $12.35; Steen & Longwill, $5.80; T. R. Tomlinson, $35	173 27		
			853 67	
	Skeena River, Copper City Ferry.			
	Pay-list	$ 50 00		
	Miscellaneous:			
	Howe & McNulty, $5.95; Skinner Bros., $1.50 ..	7 45		
			57 45	
	Skeena River, Hazelton Ferry.			
	Ferryman.....S. Jones	$ 241 66		
	Pay-list	85 00		
	Miscellaneous:			
	R. Cunningham, 65c.; Hudson's Bay Co., $11.60; R. A. Sampare, $87.50; R. S. Sargent, $6.40	106 15		
			432 81	
	Carried forward		$ 116,221 22	$1,697,199 41

No. of Vote.	SERVICE.		Expended.	
	DEPARTMENT OF PUBLIC WORKS—*Continued.*			
195.	STEAMBOATS, FERRIES, AND BRIDGES—*Continued.*			
	Brought forward		$ 116,221 22	$1,697,199 41
	Subsidies and Maintenance—*Continued.*			
	Skeena River, Kitwanga Ferry.			
	Ferryman.....W. Campbell	$ 240 00		
	Ferryman.....B. L. Olsen	344 00		
	Pay-list	363 85		
	Miscellaneous:			
	G.T.P. Rly, $14.50; G.T.P. Town and Development Co., $120.12; Howe & McNulty, $38.25; J. L. Bethuren, $58; Pacific Cartage, $13.50	244 37		
			1,192 22	
	Skeena River, Pacific Ferry.			
	Ferryman.....J. Burns	$ 171 50		
	Ferryman.....J. Meville	472 50		
	Pay-list	28 00		
	Miscellaneous:			
	Burke & Wood, $8.50; C.P.R. (freight), $6.45; G.T.P. Town and Development Co., $120.12; Howe & McNulty, $4.40; McCubbin & Haydon, $12.15; Pacific Cartage, $13.29; Prince Rupert Daily News, $15	179 91		
			851 91	
	Skeena River, Terrace Ferry.			
	Ferryman.....P. McDonald	$ 1,080 00		
	Pay-list	972 50		
	Miscellaneous:			
	T. R. Davis, $91.55; G.T.P. Dev. Co., $409.30; G.T.P. Rly., $112; Howe & McNulty, $78.72; F. Lazelle Co., $31.21; G. Little, $251.08; A. D. Long, $5.50; Pacific Cartage, $10.75; Prince Rupert Feed Co., $1.60; Skeena River Co-op. Assn., $8.90; T. H. Walsh, $1.46	1,002 07		
			3,054 57	
	Skeena River, Usk Ferry.			
	Ferryman.....M. C. Kendall	$ 560 00		
	Pay-list	593 25		
	Miscellaneous:			
	G.T.P. Town and Development Co., $1,720.12; Howe & McNulty, $7.75; Lakelse Lumber Co., $120; F. Lazelle Co., 95c.; J. Lee Bethuren, $91.05; Pacific Cartage, $11.75; F. Stork, $179; T. H. Walsh, $26.70	2,157 32		
			3,310 57	
	Upper Nass Ferry.			
	Ferryman.....J. B. McCullough		258 00	
	West Arm, Kootenay Lake, Nelson Ferry.			
	Ferryman.....G. Clerihew	$ 1,649 60		
	Pay-list	219 02		
	Miscellaneous:			
	B.C. Telephone Co., $18; D. M. Burgoyne, $375; Can. Gen. Elec. Co., $1.14; C.P.R. Co., $58.08; City Drug & Book Co., $3.25; Collector of Customs, $4.34; Dominion Express Co., $2.85; E. Doucetti, $238.60; Forest Mills of B.C., 36c.; P. J. Gallagher, $19.44; Hudson's Bay Co., $5.14; Imperial Oil, Ltd., $906.38; T. Lockwood, $35; J. Malcolm, $23.40; E. Mason, $3.70; Masters & Fletcher, $305; Meager & Co., $7.95; N. McKechnie, $30; Nelson Daily News, $27.96; Nelson			
	Carried forward	$ 1,868 62	$ 124,888 49	$1,697,199 41

No. of Vote.	SERVICE.			Expended.
	DEPARTMENT OF PUBLIC WORKS—*Concluded.*			
195.	STEAMBOATS, FERRIES, AND BRIDGES—*Concluded.*			
	Brought forward	$ 1,868 62	$ 124,888 49	$1,697,199 41
	Subsidies and Maintenance—Concluded.			
	West Arm, Kootenay Lake, Nelson Ferry—Concluded.			
	Miscellaneous—*Concluded.* Hardware Co., $129.31; Nelson Iron Works, $23.75; Nelson Motor Supply Co., $6.90; Nelson Supply & Equip. Co., $480.10; Nelson Transfer Co., $18.50; J. Norcross, $50; W. H. Smedley, $71.55; Vancouver Machinery Depot, $27; T. A. Walsh & Co., $370; W. A. Walton, $80; Western Supply & Equip. Co., $468; West Transfer Co., $61.20; Witte Engine Works, $12.40; Wood, Vallance Hardware Co., $67.70	3,932 00		
			5,800 62	
	Bridge-tender, Canoe Pass.			
	J. Berney		720 00	
	Bridge-tender, Eburne.			
	E. Thomas		960 00	
	Bridge-tenders, Kamloops.			
	C. Clapperton		360 00	
	J. Ratchford		180 00	
	Bridge-tender, Pitt River.			
	J. R. Scott		960 00	
	A. McRae (Watchman)		720 00	
	Steamboat, North-east Arm, Arrow Lake.			
	J. Fitzsimmons		2,400 00	
	Steamboat, Dog Lake, Similkameen.			
	South Okanagan Transportation Co.		1,250 00	
	Steamboat, Shuswap Lake.			
	Arrow Lakes Lumber Co.		4,000 00	
	Special Warrant No. 13—South Fort George-Soda Creek.			
	B.C. Express Co., subsidy	$ 9,999 96		
	Miscellaneous: Cariboo Observer, $10; Prince George Citizen, $17.20; King's Printer, $16	43 20		
			10,043 16	
	Total expenditure, Steamboats, Ferries, and Bridges			152,282 27
	SPECIAL WARRANT NO. 10.			
	Merchants Bank of Canada, satisfaction of judgment *re* Saanich Prison Farm ..			2,400 00
	Total expenditure, Department of Public Works			$1,851,881 68

No. of Vote.	SERVICE.	Expended.

DEPARTMENT OF RAILWAYS.

196. GENERAL OFFICE.

Salaries ($10,433.33):

Chief Engineer	A. F. Proctor		$ 3,600 00
Assistant Engineer	R. W. Macintyre		2,250 00
Inspector of Rolling-stock and Equipment	W. Rae		2,400 00
Clerks:			
T. Bullock	$300 00	D. M. Campbell $1,028 33	1,328 33
Stenographers:			
S. Allen	840 00	M. Hamelin 15 00	855 00
			$ 10,433 33

Expenses ($2,876.25):

Office Supplies, etc.:

B.C. Tel. Co., $397.57; F. Bullock, $38.33; C.P.R. Tel. Co., $242.79; Canadian Railway and Marine World, $2; Dept. of Lands, $290.50; Dom. Express Co., $5.60; Dom. Govt. Tel., $14.56; Dept. of Public Printing and Stationery, Ottawa, $6; Elec. Blue Print and Map Co., $17.30; Elec. Railway Journal, $4.50; Engineering News-Record, $7; G.N. Tel. Co., $107.05; T. N. Hibben & Co., $1.75; Hickman Tye Hardware Co., Ltd., $2; Iron Age, $7.50; King's Printer, $530.12; Law Reporting Co., $2.50; Mining and Engineering Record, $3; Munn & Co., Inc., $9.25; M. McDonald, $15; T. Nelson & Sons, $5; postage, $100.74; Public Works Dept., $36.75; Railway Age, $6; Railway Equipt. & Pub. Co., $1.50; Railway Signal Engineer, $1; Reliable Transfer Co., $5.50; Sweeney-McConnell, Ltd., $5.50; Tramway & Rly. World Pub. Co., Ltd., $3.04 ..... 1,869 35

Travelling Expenses:

J. Armstrong, $29.65; R. W. Macintyre, $205.45; Hon. J. Oliver, $339.39; postage, $2; A. F. Proctor, $58.50; W. Rae, $386.46 ..... 1,021 45

	$	13,324 13
By cash		14 55
Total expenditure, General Office		$ 13,309 58

197. FRASER RIVER BRIDGE, NEW WESTMINSTER.

Salaries ($11,063.62):

Superintendent	T. S. Gifford		$ 1,890 00
Towermen:			
A. Adamson	$1,290 00	J. Sayer $1,290 00	2,580 00
Spareman	H. A. Gilchrist		1,110 00
Watchmen:			
A. Browning	990 00	J. Johns 930 00	
A. W. Buckett	930 00	R. Newell, Sr. 930 00	3,780 00
Caretaker	R. Newell, Jr.		1,110 00
Temporary Assistance:			
J. P. Dodds	143 63	J. Hesketh 264 00	
T. W. Harris	116 13	H. Straughton 8 22	531 98
Pay-list (overtime)			61 64
		$	11,063 62

Maintenance and Repairs ($6,426.07):

Anderson & Lusby, $195.60; J. N. Aitchison, $315; Belyea & Co., $161.96; British Am. Paint Co., $96; B.C. Clean Towel Supply Co., $15.50; B.C. Elec. Rly. Co., $1,361.21; B.C. Tel. Co., $110.38; Brunette Saw Mills, $3.69; R. Buckland, $21.05; Can. Fairbanks Morse Co., $1,260; Can. Nat. Rly. Co., $102.89; Corp. of New Westminster, $178.85; Cunningham Hardware Co., 47c.; Dominion Express Co., $1; Electric B.P. and M. Co., $6.40; Galbraith & Sons, $12.25; Gen. Rly. Signal Co., $39.60; Gilley

Carried forward	$ 11,063 62	$ 13,338 68

No. of Vote.	SERVICE.		Expended.
	DEPARTMENT OF RAILWAYS—*Concluded.*		
197.	FRASER RIVER BRIDGE, NEW WESTMINSTER—*Concluded.*		
	Brought forward	$ 11,063 62	$ 13,338 68
	Maintenance and Repairs—*Concluded.* Bros., $21.50; G.N. Rly. Co., $1,044.77; F. T. Hill, 25c.; Imperial Oil, Ltd., 74c.; James & McClugham, $3.20; Johnston's Big Shoe House, $24; Kennedy & McKenzie, $1.40; King's Printer, $12.61; G. T. Livingstone, $12; Mannering & McKenzie, $60.93; J. Mayers, $89.35; C. Moulton, $142; Mudge & Co., $263.67; J. Poingdestre, $70; postage, $6; Rly. Signal Co., $1.70; Rly. Signal Engineer, $1; Reid & McDonald, $31.50; Royal City Glass Works, $2.50; E. M. Thomas, $63; Times P. & P. Co., $4; T. J. Trapp & Co., $7.95; Van. Daily Province, $9.45; Webb & Gifford, $363; West. Union Tel. Co., $1; Westminster Iron Works, $303.20; Westminster Motor Exp., $3.50 ..	6,426 07	
	Total expenditure, Fraser River Bridge		17,489 69
	Total expenditure, Department of Railways		$ 30,799 27

UNIVERSITY OF ILLINOIS LIBRARY
MAR 19 1921

CAPITAL ACCOUNT.

No. of Vote.	SERVICE.		Expended.
	CAPITAL ACCOUNT.		
198.	SINKING FUNDS.		
	B.C. Loan Trustees:		
	"Loan Acts, 1891, 1893, 1895, 1899, and 1902"—Interest on Sinking Fund Investments		$ 80,330 32
	The Minister of Finance:		
	"Loan Act, 1914":		
	Annual payment, 1st April, 1918	$ 119,050 00	
	Interest on Sinking Fund Investments	25,816 18	
			144,866 18
	"Loan Act, 1915":		
	Annual payment, 1st December, 1918	$ 238,908 00	
	Interest on Sinking Fund Investments	29,697 90	
			268,605 90
	"Loan Act, 1916":		
	Annual payment, 1st July, 1918	$ 154,505 00	
	Interest on Sinking Fund Investments	9,382 26	
			163,887 26
	"Loan Act, 1917":		
	Annual payment, 1st December, 1918	$ 8,610 00	
	Interest on Sinking Fund Investments	12 54	
			8,622 54
	Dyking Debentures:		
	Annual payment, 1st July, 1918	$ 7,867 00	
	Interest on Sinking Fund Investments	2,809 70	
			10,676 70
	Total expenditure, Sinking Funds		$ 676,988 90
199.	NAKUSP & SLOCAN RAILWAY COMPANY.		
	The Canadian Bank of Commerce:		
	Interest on Guaranteed Bonds	$ 13,009 33	
	Less earnings	4,723 19	
	Total expenditure, Nakusp & Slocan Railway Company		$ 8,286 14
200.	PACIFIC GREAT EASTERN RAILWAY COMPANY.		
	Interest on Guaranteed Bonds, due 15th July, 1918, and 15th January, 1919:		
	The Canadian Bank of Commerce	$ 623,272 88	
	Sundry persons	285,390 91	
	Total expenditure, Pacific Great Eastern Railway Company		$ 908,663 79
201.	WELLINGTON COLLIERIES RAILWAY COMPANY.		
	Wellington Collieries Railway Company, refund of deposit		$ 15,000 00
202.	BRITISH COLUMBIA HOUSE, LONDON, ENGLAND.		
	W. Cubitt & Co., instalment on mortgage		$ 9,700 00
203.	SONGHEES RESERVE.		
	Armstrong Bros., $9.10; A. D. Bechtel, $150; Bent & McHattie, $6.25; B.C. Elec. Rly. Co., $243.90; B.C. Saddlery Co., $38.65; C. H. Bowes, 85c.; R. Bray, $11.65; Burdick Bros. & Brett,		

No. of Vote.	SERVICE.	Expended.	
	CAPITAL ACCOUNT—*Continued.*		
203.	SONGHEES RESERVE—*Concluded.*		
	$11.50; Canadian Explosives, $59.94; Canadian Fairbanks-Morse Co., $27.53; Can. Pac. Rly. Co., $1.50; Carter Elec. Co., $7.05; Collector of Customs, $1.50; H. Cooley & Son, $83.05; Dominion Express Co., 40c.; Esquimalt Waterworks Co., $35.35; W. S. Fraser & Co., $148.48; Giant Powder Co., $370; Great Western Junk Co., $10.38; Hafer Machine Co., $7.25; Hall & Walker, $643; Hardsocg Wonder Drill Co., $4.82; J. Heaney, $22.94; R. Humber, $184; Imperial Oil, Ltd., $6; Jeffrey & Roskelley, $2.50; H. Keown, $17; H. C. Killeen, $16; W. Mable, $15.50; Marine Iron Works, $274.06; E. B. Marvin & Co., $124.82; Mellor Bros., $126.90; Moore-Whittington Lumber Co., $60.58; McDonald & Nichol, $13.75; W. McManus, $120; Oxy Acetylene Welding, $16; J. Piercy, $143.19; E. G. Prior & Co., $5.58; Producers Rock & Gravel Co., $3.90; Robertson Iron Works, $117.31; Scott & Peden, $116.92; Sidney and Islands Review, $5.52; Sylvester Feed Co., $15.75; Vancouver Machinery Depot, $112.76; Victoria T. R. & Ferry Co., $9.05; Times P. & P. Co., $5.10; Wood & Todd, $4; pay-lists, labour and team-work, $8,033.42	$ 11,444 70	
	By cash	258 90	
	Total expenditure, Songhees Reserve		$ 11,185 80
204.	MENTAL HOSPITAL, ESSONDALE.		
	Cottages:		
	Anderson & Lusby, $408.83; J. Brookes W. Co., $1,332; Brunette Saw Mill Co., $714.95; Bursar, $1.85; Can. Gen. Elec. Co., $128.31; Canadian Fairbanks-Morse Co., $90.60; Canadian Western Lumber Co., $9.44; Cunningham Hardware Co., $17.29; Evans, Coleman & Evans, $273.84; Farr, Robinson & Birs, $106.50; Gilley Bros., $858.50; Gurney Foundry Co., $6.30; C. Holmes, $340; Hunter-Henderson Paint Co., Ltd., $92.32; James & McClughan, $147.57; W. N. O'Neil Co., $3.35; Robertson-Godson Co., $141.93; Spring & Sibley, $45.31; T. J. Trapp & Co., $109.02; Westminster Iron Works, $66	$ 4,893 91	
	Grading:		
	Anderson & Lusby, $478.01; Brackman-Ker Mill Co., $268.70; B.C. Elec. Rly. Co., 35c.; Brown, Fraser & Co., $9.50; Brunette Saw Mill Co., $46.23; R. Erskine, $18; Harrison & Co., $4.50; H. L. Johnson, $100; Johnston's Shoe House, $48; W. Routley, $45; T. J. Trapp & Co., $236.15; Webb & Gifford, $60.08; R. Wilson, Son & Co., $2	1,316 52	
	Bake-oven:		
	Peterson Oven Co.	2,800 00	
	Total expenditure, Mental Hospital, Essondale		$ 9,010 43
205.	COLONY FARM, ESSONDALE.		
	Clearing, Breaking, and Draining Land, etc.:		
	Anderson & Lusby, $315.44; Brunette Saw Mill Co., $30.27; Bursar, $4; Can. Pac. Rly. Co., $5.03; Canadian Western Lumber Co., $62.21; Hyslop Hardware Co., $42.90; T. J. Trapp & Co., $100.32; Webb & Gifford, $158.60; pay-lists, labour, $3,117		$ 3,835 77
206.	ROADS, STREETS, BRIDGES, AND WHARVES.		
	Nechako River Bridge at Fort Fraser:		
	F. Aslin, $279.92; T. W. Blair, $4; Canadian Express Co., $1.10; Dominion Govt. Telegraphs, $2.35; Fort Fraser Drug Co., $11.21; G.T.P. Rly. Co., $33.31; Heaps & Sons, $2,186; Imperial Oil, Ltd., $9.59; L. Johnston, $1; W. C. Lampitt, $1,901.24; Leith Bros., $13.35; G. Little Lumber Yards, $128.08; F. R. Macdonald, $10.75; Marshall-Wells Alberta Co., $88.27; Nechako Hotel, $8; N. Lbr. & Merc. Co., $2.70; F. Parks, $161.69; C. E. Reeves, $217.64; A. E. Rorison, $153.72; J. S.		

No. of Vote.	SERVICE.		Expended.
	CAPITAL ACCOUNT—*Concluded.*		
206.	**ROADS, STREETS, BRIDGES, AND WHARVES—*Concluded.***		
	Nechako River Bridge at Fort Fraser—*Concluded.* Ross, $360; Ross Howard Iron Works, $4,745.38; E. B. Smith, $42.44; F. Stork, $33.80; P. Sutherland, $66; H. Taylor, 25c.; G. Turnbull, $357.74; W. W. White, $7.15; pay-lists, labour, $8,362.98	$ 19,189 66	
	Cow Bay Float: H. C. Black, $56; F. M. Davis, $2; H. G. Hilland, $15.40; King's Printer, $10; W. T. Muse, $2,669; News Ptg. & Pub. Co., $23.45; Prince Rupert Boat House, $10.25; Times Ptg. & Pub. Co., $25.20; Vancouver Daily Sun, $36	2,847 30	
	Total expenditure, Roads, Streets, Bridges, and Wharves		$ 22,036 96
207.	**FERRIES.**		
	Nil		
208.	**GIRLS' INDUSTRIAL SCHOOL.**		
	City of Vancouver: Installation of sewerage system		$ 2,772 83
	STATUTORY.		
	Chapter 31, 1918: Grand Trunk Pacific Railway Company: Final payment on account of highway accommodation on railway bridge at Fort George		$ 200,000 00
	Chapter 80, 1918, "Soldiers' Land Act": Municipality of South Vancouver: For purchase of Lots 17-20, 22-36, Block 4; 1, 2, 5-12, 19-34, 36, Block 5; 33-36, Block 2; District Lot 663, Municipality of South Vancouver, Map 1390	$ 4,867 78	
	Re Southern Okanagan Land Project: Southern Okanagan Land Co. for purchase of approximately 22,000 acres of land	$350,000 00	
	Project Engineers: F. H. Latimer, salary $471.43, expenses $55.05	526 48	
	H. Earle, salary $237.50, expenses $66.75	304 25	
	Pay-lists	718 72	
	Miscellaneous: Basham-Finch Grocery, $244.47; F. H. Bassett, $15; F. B. Boone, $9.09; C. E. Burtch, $66.35; Brooks-McKenzie Lbr. Co., Ltd., $19.51; Carter Bros., $15; Clarke & Stuart Co., Ltd., $18.50; Dominion Express Co., $7.69; J. M. Edgar, $14.15; F. E. Groffman, $9.20; H. B. Morley & Co., $78.37; Penticton Hardware Co., $113.29; C. J. Rippin, $8.80; C. Smith, $3; Southern Okanagan Transportation Co., $21	643 42	
		352,192 87	
	Total expenditure, "Soldiers' Land Act"		$ 357,060 65

CONSERVATION FUND.

(Created by Section 287A of the "Water Act, 1914.")

SUMMARY OF RECEIPTS AND DISBURSEMENTS.

Fiscal Year 1918-19.

DISBURSEMENTS.		RECEIPTS.	
Project No. 1—Naramata	$4,720 10	Consolidated Revenue (Vote 140)	$50,000 00
" No. 2—Peachland	4,370 71		
" No. 4/2—Glenmore	4,785 31		
" No. 4/3—Rutland	1,932 34		
" W. Wansborough Jones—Okanagan Mission	598 55		
	$16,407 01		
Balance at credit of Fund	33,592 99		
	$50,000 00		$50,000 00

PROVINCIAL

BALANCE SHEET AS

ASSETS.

STOCK ON HAND PER INVENTORY	$109,030 05
FURNITURE AND FIXTURES, *less* DEPRECIATION	1,376 51
ACCOUNTS RECEIVABLE	9,853 16
PROVINCIAL TREASURY DEPARTMENT, "*Current a/c.*"	15,579 56
	$135,839 28

TRADING ACCOUNT, 1ST OCTOBER,

TO MERCHANDISE PURCHASED		$401,476 44
" EXPENSES:		
Salaries	$ 14,934 83	
Rent	5,900 00	
Storage	806 32	
Insurance	1,781 15	
Cartage and Handling	1,073 46	
Office Expenses and Sundries	2,606 31	
Painting and Decorating	261 00	
Depreciation—Furniture and Fixtures	1,374 51	
		28,737 58
		$430,214 02
" BALANCE: NET PROFIT		114,211 78
		$544,425 80

TO CONSOLIDATED REVENUE FUND:

31st March, 1918	$ 17,199 93
31st March, 1919	97,011 85
	$114,211 78

LIQUOR VENDORS.

AT 31ST MARCH, 1919.

LIABILITIES.

ACCOUNTS PAYABLE	$ 15,579 56
PROVINCIAL TREASURY DEPARTMENT, "*Capital a/c.*"	120,259 72
	$135,839 28

1917, TO 31ST MARCH, 1919.

BY SALES	$435,395 75
" STOCK ON HAND PER INVENTORY	109,030 05
	$544,425 80
BY BALANCE: NET PROFIT	$114,211 78
	$114,211 78

PROVINCE OF BRITISH COLUMBIA.

COMPARATIVE STATEMENT OF REVENUE FOR THE FISCAL YEARS 1914-15 TO 1918-19, INCLUSIVE.

REVENUE.	1914-15.	1915-16.	1916-17.	1917-18.	1918-19.
DEPARTMENT OF AGRICULTURE.					
Frondeg Farm				$ 1,283 63	$ 9,041 15
Horticultural Inspection—Fees and Licences	$ 26,265 53	$ 16,512 30	$ 18,220 79	17,829 56	26,335 34
Seed Grain Advances—Refunds		9,460 28	3,025 00	4,763 89	13,410 62
Miscellaneous Receipts	5,561 05	2,751 46	7,626 50	5,826 03	9,950 07
Total	31,826 58	28,724 04	28,872 29	29,703 11	58,737 18
DEPARTMENT OF THE ATTORNEY-GENERAL.					
Court Fines and Fees	41,033 46	20,117 15	21,968 12	28,065 52	39,590 19
Dog Licences				1,210 00	1,715 00
Game Licences	90,948 25	71,582 00	66,097 50	65,487 50	82,552 50
Insurance Act—Licences, Taxes, and Fees	75,728 52	81,680 01	76,581 17	74,346 39	73,619 68
Joint-stock Companies, etc.—Registration Fees	64,814 90	37,949 66	44,983 50	52,199 00	56,315 56
Keep of Prisoners—Reimbursement	15,317 50	13,470 50	11,338 95	9,933 69	11,204 55
Land Registry Fees	443,727 67	241,548 50	196,663 90	166,644 48	189,162 78
Law Stamps	101,963 90	81,178 41	65,949 02	55,615 35	57,959 67
Motor-traffic Regulation Act—Fees	110,446 43	94,892 30	134,361 50	193,256 50	246,137 50
Moving Pictures Act—Fees	23,940 50	17,715 50	18,429 86	17,280 57	14,562 20
Prohibition Act—Profit on Liquor sold				17,199 93	97,011 85
Sheriff's Fees					6,100 99
Trade Licences	90,629 11	75,924 98	67,386 87	20,535 25	20,342 50
Miscellaneous Receipts	3,874 05	2,685 34	4,165 40	5,274 61	1,947 07
Total	1,062,424 29	738,744 35	707,925 79	707,098 79	898,222 04
DEPARTMENT OF EDUCATION.					
Teachers' Examinations and Certificates	2,410 73	2,390 00	1,725 35	3,105 00	2,695 00
Text Books sold	1,199 59	1,023 09	1,229 82	2,068 58	1,318 81
Miscellaneous			1,898 75	316 70	30 00
Total	3,610 32	3,413 09	4,853 92	5,490 28	4,043 81
DEPARTMENT OF FINANCE.					
Dominion of Canada—					
Annual Interest	29,151 06	29,151 06	29,151 06	29,151 06	29,151 06
" Subsidy	180,000 00	180,000 00	180,000 00	180,000 00	180,000 00
" Grant per capita	313,984 00	313,984 00	313,984 00	313,984 00	313,984 00
" Grant for Lands conveyed	100,000 00	100,000 00	100,000 00	100,000 00	100,000 00
" Grant "B.N.A. Act, 1907"	100,000 00	100,000 00	100,000 00	25,000 00	
Total	723,135 06	723,135 06	723,135 06	648,135 06	623,135 06
Amusements Tickets Tax				124,497 97	221,488 08
"Chinese Restriction Act"	251,658 83				
Coal and Coke Tax	158,867 25	173,261 75	194,536 62	191,928 33	196,657 21
Income Tax	428,708 25	329,287 80	296,801 75	670,638 25	1,506,668 92
Interest—					
"Dyking Assessments Adjustment Act"	19,080 07	19,080 07	19,080 07	19,080 07	19,080 07
Sinking Fund Investments	103,121 36	98,133 00	106,825 33	126,961 02	175,457 26
Miscellaneous	190,172 12	159,680 54	75,803 66	123,452 40	290,332 96
Land Taxes—					
Real Property	515,143 26	492,813 64	532,106 85	1,013,983 47	991,203 35
Wild Land, Coal and Timber Lands	646,441 93	534,459 99	521,325 26	690,536 30	792,416 29
Mineral Tax	130,876 68	163,335 58	287,257 59	293,576 80	229,106 47
Personal Property Tax	260,432 36	278,535 78	291,412 83	521,206 19	800,415 07
Poll Tax				329,530 00	282,685 00
Probate Fees	40,250 77	64,505 49	72,695 47	49,479 89	47,534 22
Rents—					
B.C. House, London, England			17,692 43	27,470 27	37,705 87
Miscellaneous Rents	75 00	65 00	45 00	127 67	186 00
Revenue Service Refunds	977 19	563 31	632 62	664 19	11,800 27
Rural District School Taxes					12,916 25
Succession Duties	162,277 60	139,907 23	277,702 73	241,362 36	271,777 45
Unworked Crown-granted Mineral Claims—Taxes	40,296 71	35,703 23	37,903 97	37,583 32	65,732 00
Miscellaneous Receipts	7,759 08	15,926 50	33,152 32	24,587 19	33,532 89
Total	3,679,253 52	3,228,393 97	3,488,109 56	5,134,800 75	6,609,830 69
DEPARTMENT OF FISHERIES.					
Fishing and Canning Licences, etc	37,592 71	33,335 00	38,563 50	40,998 95	37,037 80
Total	37,592 71	33,335 00	38,563 50	40,998 95	37,037 80

COMPARATIVE STATEMENT OF REVENUE, ETC.—*Concluded.*

REVENUE.	1914-15.	1915-16.	1916-17.	1917-18.	1918-19.
DEPARTMENT OF LANDS.					
Land Revenue	$ 127,469 53	$ 81,117 53	$ 79,919 19	$ 81,246 51	$ 92,227 73
Land Sales	749,098 31	119,772 48	218,453 47	395,972 49	112,550 84
Log Scaling Fees	29,821 59	29,439 38	40,897 85	60,263 52	58,830 09
Survey Fees	17,144 72	5,496 33	10,100 56	7,168 70	5,268 83
Timber Leases	79,952 42	126,479 01	75,990 11	78,564 62	77,361 00
Timber Licences and Royalties	1,755,119 64	1,477,378 26	1,759,469 16	1,797,078 88	2,276,794 86
Timber Sales	47,469 45	71,875 84	85,357 26	132,538 68	169,563 42
Water Recording Fees and Rentals	27,597 11	59,908 13	33,971 73	32,569 10	21,392 39
Miscellaneous Receipts	11,072 28	11,432 68	37,229 00	18,895 00	17,626 53
Total	2,844,745 05	1,982,899 64	2,341,388 33	2,604,297 50	2,831,615 69
DEPARTMENT OF LABOUR.					
Dominion of Canada, subvention					3,082 99
Total					3,082 99
LEGISLATION.					
Private Bills Fees	6,735 25	1,839 00	2,434 00	633 69	3,365 00
Total	6,735 25	1,839 00	2,434 00	633 69	3,365 00
DEPARTMENT OF MINES.					
Bureau of Mines	929 79	884 25	870 50	1,250 50	989 15
Free Miners' Certificates	56,651 75	47,920 80	48,875 25	52,309 60	50,985 73
Miners' Examinations and Certificates	1,844 00	1,115 50	1,037 80	1,326 50	1,227 00
Mining Receipts, General	62,969 35	59,277 85	62,315 61	66,897 30	74,985 13
Miscellaneous Receipts	65 59				839 25
Total	122,460 48	109,198 40	113,099 16	121,783 90	129,026 26
DEPARTMENT OF THE PROVINCIAL SECRETARY.					
Colony Farm	3,958 85	14,263 89	9,842 76	29,622 71	5,733 60
King's Printer	41,243 22	25,090 85	39,695 36	37,587 42	170,561 21
Marriage Licences	19,520 00	16,070 00	15,020 00	14,355 00	13,675 00
Mental Hospitals	39,428 55	32,740 00	42,124 07	48,859 25	67,794 78
Notaries Public and Commissioners' Fees	1,081 85	480 00	1,910 00	1,560 15	2,185 25
Provincial Home, Kamloops	4,846 60	4,900 27	584 80	11,632 05	6,819 42
Vital Statistics, etc	5,477 11	3,531 02	4,236 85	4,531 83	5,394 25
Voters' Lists sold	2,699 26	2,020 41	639 66	1,611 34	5,085 52
Miscellaneous Receipts	1,046 41	881 70	2,853 15	1,647 50	1,729 61
Total	119,301 85	99,978 14	116,906 65	151,407 25	278,978 64
DEPARTMENT OF PUBLIC WORKS.					
Boiler Inspection and Examination Fees	26,857 31	24,327 05	28,309 36	32,411 36	29,123 83
Electrical Energy Inspection	3,309 25	3,870 00			
Government Property sold	4,682 14	2,254 10	4,156 54	8,975 06	8,223 34
Wharfage and Dock Dues	8,752 18	7,090 20	5,629 26	4,466 25	4,262 82
Miscellaneous Receipts	445 53	1,626 62	140 28	391 70	1,477 06
Total	44,046 41	39,167 97	38,235 44	46,244 37	43,087 05
DEPARTMENT OF RAILWAYS.					
New Westminster Bridge—Tolls	22,500 00	26,000 00	26,394 99	40,387 43	32,358 46
Miscellaneous Receipts					1,893 60
Total	22,500 00	26,000 00	26,394 99	40,387 43	34,252 06
Total Revenue	$7,974,496 46	$6,291,693 60	$6,906,783 63	$8,882,846 02	$10,931,279 21

MEMORANDUM.

RE COMPARATIVE STATEMENT OF EXPENDITURES.

"The form of the accounts should bring to light extravagance and inefficiency, and enable criticism to be usefully applied."

The form in which the Estimates for the fiscal year 1918-19 were presented was designed with the view to clearly setting forth the expenditures proposed to be made in each of the several departments and their respective activities, which would enable the Accounts being kept in such a manner that the actual cost of each unit of service might be known, and also provide reliable comparisons from year to year. In the past this has not been done, and the Comparative Statements of Expenditures heretofore presented do not convey the full operating cost of any particular department, or section, the expenditures being distributed throughout fourteen different services, instead of being brought under one head as in the new form of Estimates and Public Accounts.

For purposes of effective control and intelligent criticism it is required that the cost of each unit of service be accurately shown, otherwise comparisons must be misleading.

The Public Accounts for 1918-19, now under review, follow the new form of Estimates, but for the reasons above stated it has not been possible to extract from the Accounts of previous years the information necessary to compile the Comparative Statement of the Expenditures of each department and sections thereof, and corresponding to the Comparative Statement of Revenue appearing on pages 230 and 231.

The following examples may be accepted as illustrating the difficulties met with in the endeavour to arrive at the total cost of the various units of service in the four years prior to 1918-19:—

FISCAL YEAR 1914-15.

SERVICE II. "CIVIL GOVERNMENT" (SALARIES): $1,596,731.31.

With respect to the Canadian Provinces, all expenditures, speaking generally, are "Civil Government" expenditures, as outside of Federal and Imperial finance there is no such thing as Army and Navy appropriations. With this in mind, therefore, it is reasonable to expect that under "Civil Government" (Salaries) would be included the salaries paid to all officials of the Government. An examination of the Accounts of previous years will, however, reveal the fact that this has not been done, and that instead of $1,596,731.31, the amount shown in the Comparative Statement, the total salaries paid out for the fiscal year 1914-15 amounted to approximately $2,100,000. Similarly, "Civil Government" (Salaries) in other years are shown on the same basis. The practice previously followed in British Columbia, and still continued in other Provinces of the Dominion, of including a portion only of the salaries under "Civil Government" (Salaries), frequently leads to erroneous conclusions as to the cost of administration.

FISCAL YEAR, 1915-16.

SERVICE VIII. EDUCATION: $1,325,308.24.

The total shown under this head is $1,325,308.24. This does not, however, include all such items as salaries of officials, stationery, postages, furniture and fixtures, erection, maintenance, and repairs of school buildings, and it would appear that the total cost of education to the Province for the fiscal year 1915-16 was in the neighbourhood of a quarter of a million dollars more than is shown in the Comparative Statement.

FISCAL YEAR, 1916-17.

SERVICE X. DEPARTMENT OF AGRICULTURE: $124,099.25.

Total shown as $124,099.25, but with the addition of salaries of officials and other items it would seem there was expended by this Department during the year 1916-17 considerably over $200,000.

FISCAL YEAR, 1917-18.

SERVICE XIII: MISCELLANEOUS: $1,119,686.50.

Included in "Miscellaneous" are such important items as the following:—

Postages	$ 31,935 00
Provincial Board of Health (other than Salaries)	12,992 00
Stationery	21,129 00
Grants to Civil Servants on Military Duty	111,628 00
Superannuation	41,468 00
Destruction of Wild Animals	26,752 00
Game Protection	18,724 00
Fraser River Bridge, New Westminster	18,267 00
Agent-General's Office, London	68,165 00
Temporary Assistance	32,093 00
Miscellaneous, not detailed in Estimates	45,884 00
Grant to City of Halifax	50,000 00
Administration of "Prohibition Act"	58,101 00
Expenditures under "Mines Development Act"	96,397 00
Expenditures under "Mineral Survey and Development Act"	25,406 00

The grouping of large items such as those quoted under "Miscellaneous" is not to be commended; they should appear in the accounts of the departments to which they properly belong, and "Miscellaneous" kept within the smallest limit.

On the following pages will be found a draft of the form in which it is proposed to submit the Comparative Statement of Expenditures in future, from which it will be observed that all the current expenditures are shown under the responsible departments, thus affording in a clear and simplified manner accurate comparisons of the cost of each unit of service.

A. N. MOUAT, C.A.,

Comptroller-General.

SUMMARY OF EXPENDITURES

FOR THE FISCAL YEAR ENDED 31ST MARCH, 1919, SHOWING THE FORM IN WHICH IT IS PROPOSED TO PRESENT THE COMPARATIVE STATEMENT OF EXPENDITURES IN FUTURE.

SERVICE.	1918-19.
CURRENT ACCOUNT.	
PUBLIC DEBT.	
Total	$1,413,725 37
LEGISLATION.	
Total	$101,291 18
PREMIER'S OFFICE.	
Total	$12,584 09
DEPARTMENT OF AGRICULTURE.	
Minister's Office	$ 9,104 13
General Office	32,096 75
Horticultural Branch	48,199 85
Live Stock Branch	38,979 50
Miscellaneous and Statutory	100,417 96
Total	$228,798 19
DEPARTMENT OF THE ATTORNEY-GENERAL.	
Attorney-General's Office	$ 9,061 04
General Office	25,836 38
Joint-stock Companies and Insurance Branch	11,858 74
Municipal Branch	5,660 96
Censor of Moving Pictures	13,618 48
Administration of Prohibition Act	59,927 09
Provincial Library and Archives	25,592 21
Land Registry Offices	136,307 92
Supreme and County Courts	68,394 34
Provincial Police	217,576 61
County Gaols	61,590 39
Industrial Schools	55,087 52
Game Protection	35,435 94
Miscellaneous and Statutory	140,344 08
Total	$866,291 70
DEPARTMENT OF EDUCATION.	
General Office	$ 19,203 24
Free Text-book Branch	64,764 89
Agricultural Education	9,430 00
Industrial Education	13,124 54
Inspection of Schools	39,621 32
Normal Schools	53,726 76
Deaf, Dumb and Blind	13,499 26
Per Capita Grants	978,139 25
Teachers' Salaries	372,266 20
School Buildings: Erection and Repairs, etc.	108,624 40
Miscellaneous and Statutory	159,223 05
Total	$1,831,622 91
DEPARTMENT OF FINANCE.	
Minister's Office	$ 10,657 77
General Office	23,133 87
Inspector of Trust Cos., Probate and Succession Duties	10,876 88
Controlling and Audit Branch	41,972 75
Surveyor of Taxes	85,462 61
Bureau of Information	2,469 53
Agent-General's Office, London	76,580 18
Government Agents and Assessors, etc.	360,050 24
Miscellaneous and Statutory	110,916 78
Total	$722,120 61
DEPARTMENT OF FISHERIES.	
Total	$14,059 21

SERVICE.	1918-19.
CURRENT ACCOUNT.—*Concluded.*	
DEPARTMENT OF LANDS.	
Minister's Office	$ 11,722 71
General Office, Salaries	81,789 20
Lands Branch, "	7,434 00
Forest " "	131,632 18
Water " "	29,843 04
Survey " "	42,508 48
Temporary Assistance, Salaries	9,658 65
Expenses: General Office and Branches	89,317 87
Forest Protection Fund	134,792 99
Surveys: Land, Water, and Topographical	90,442 09
Miscellaneous and Statutory	98,431 25
Total	$727,622 46
DEPARTMENT OF LABOUR.	
General Office	$10,684 68
Employment Bureaus	8,155 50
Minimum Wage Board	1,196 37
Total	$20,036 55
DEPARTMENT OF MINES.	
Minister's Office	$ 9,217 20
General Office	16,480 89
Mines Inspection Branch	28,014 52
Bureau of Mines	12,872 52
Mine-rescue and Training Stations	9,410 43
Coal-miner's Examinations	3,466 03
First Aid Work	2,755 52
Mines Development and Mineral Survey	117,329 13
Miscellaneous and Statutory	3,793 75
Total	$203,339 99
DEPARTMENT OF THE PROVINCIAL SECRETARY.	
Minister's Office	$ 8,583 03
General Office	12,294 19
Provincial Board of Health	92,854 42
Provincial Museum	7,447 62
Mental Hospitals	441,713 67
Provincial Home, Kamloops	33,019 53
Grants to Hospitals and Charities	538,765 94
King's Printer	144,527 82
Civil Service Commission	5,084 52
Grants for Patriotic Purposes, etc	132,840 47
Superannuation	46,073 50
University of British Columbia	271,578 92
Miscellaneous	128,787 78
Total	$1,863,571 41
DEPARTMENT OF PUBLIC WORKS.	
Minister's Office	$ 9,823 87
General Office	42,735 06
District Engineers	38,856 25
Steam Boiler Inspection	46,936 47
"Electrical Energy Inspection Act"	5,734 62
"Factories Act"	6,597 57
Government House and Grounds	14,968 76
Parliament Buildings and Grounds	79,063 69
Roads, Streets, Bridges, and Wharves	1,452,483 12
Steamboats, Ferries, and Bridge-tenders	152,282 27
Miscellaneous	2,400 00
Total	$1,851,831 68
DEPARTMENT OF RAILWAYS.	
General Office	$13,309 58
New Westminster Bridge	17,489 69
Total	$30,799 27
Total Current Account	$9,887,744 62
CAPITAL ACCOUNT.	
Sinking Funds	$ 676,988 90
Buildings, Roads, and other Properties	615,602 44
Miscellaneous	931,949 93
Total Capital Account	$2,224,541 27
Total Expenditure	$12,112,285 89

UNIVERSITY OF ILLINOIS LIBRARY MAR 19 1921

UNIVERSITY OF ILLINOIS LIBRARY

MAR 19 1921

PROVINCE OF

	1915-1916 1st April to 31st March.	1916-1917 1st April to 31st March.	1917-1918 1st April to 31st March.
I.—Public De			
Interest	$779,262 53	$827,774 30	$942,467 33
Sinkir	.....	.....	....
	.....	.....	....
	8,577 22	4,288 61	.....
	12,903 97	6,169 20	.....
	99,219 36	....	.....
	82,141 55	41,096 59	52,048 14
Sinkin	.....	145,500 00	291,000 00
	.....	237 54	11,661 24
	.....	254,715 00	254,715 00
	.....	415 71	7,528 28
	....	....	162,757 64
	.....	.....	438 58
	.....	.....	.....
Premi	383 90	94 57	634 05
Discou	428,576 01	107,155 82	45,754 29
Incide	.....	.....	.....
† Rede	.....	.....	169,552 73
† Rede	.....	.....	.....
† Rede	.....	.....	.....
† Rede	.....	.....	....
† Do	.....	.....	....
† Do	.....	.....	....
† Do	.....	.....	.....
II.—Civil Gove	1,555,562 26	1,477,611 45	1,336,673 52
III.—Administ	62,600 54	59,201 52	48,597 70
IV.—Legislatio	96,877 54	206,281 02	116,423 73
V.—Public Ins			
Printi	51,350 65	52,000 31	40,882 30
Hospit	280,207 24	286,455 30	327,318 91
Museu	3,987 09	3,372 70	1,536 75
Provin	16,586 52	21,147 31	22,536 14
Bureau	4,949 84	10,160 68	2,749 52
Mines	2,764 78	4,936 32	7,035 61
Fisheri	23,726 33	17,528 80	11,736 73
Indust	14,970 47	12,445 55	13,932 32
Indust	4,696 87	4,484 44	6,980 62
VI.—Hospitals	355,440 67	486,590 67	407,439 24
VII.—Administr	249,392 20	188,961 79	158,555 12
VIII.—Education	1,325,308 24	1,331,413 43	1,397,496 98
IX. Transport	38,850 86	32,374 38	35,060 04
X.—Departme	.....	124,099 25	138,870 05
XI.—Revenue S	18,555 04	18,196 09	36,590 33
XII.—Public Wo			
Works	383,571 18	429,083 94	372,608 50
Parliau	.....	.....	.....
Govern	.....	.....	.....
Roads,	2,063,235 39	1,939,961 99	1,292,481 44
Survey	.....	....	.....
New W	....	.....	.....
Irrigati	.....	.....	.....
Bridges	.....	.....	.....
Ferries	.....	.....	.....
Subsidi	.....	.....	.....
Subsidi	82,299 08	97,663 28	84,676 13
Miscell	26,614 51	48,821 23	87,406 91
XIII.—Miscellane	2,000,892 63	1,005,264 50	1,119,686 50

LIBRARY OF THE UNIVERSITY OF ILLINOIS

NOTE.—For statement of Receipts and Expenditure from 1st July, 1886, to 30th June, 1902, see *Table No. 2* in Public Accounts, 1902, discontinued.

TABLE No. 3.

COMPARATIVE STATEMENT OF THE RECEIPTS AND EXPENDITURE OF THE PROVINCE OF BRITISH COLUMBIA, FROM 1ST JULY, 1902, TO 31ST MARCH, 1918.

REVENUE.	1902-1903 1st July to 30th June.	1903-1904 1st July to 30th June.	1904-1905 1st July to 30th June.	1905-1906 1st July to 30th June.	1906-1907 1st July to 30th June.	1907-1908 1st July to 30th June.	1908-1909 1st July to 31st March (9 Months).	1909-1910 1st April to 31st March.	1910-1911 1st April to 31st March.	1911-1912 1st April to 31st March.	1912-1913 1st April to 31st March.	1913-1914 1st April to 31st March.	1914-1915 1st April to 31st March.	1915-1916 1st April to 31st March.	1916-1917 1st April to 31st March.	1917-1918 1st April to 31st March.
Dominion of Canada:																
Annual payment of Interest	$ 29,151 06	$ 29,151 06	$ 29,151 06	$ 29,151 06	$ 29,151 06	$ 29,151 06	$ 29,151 06	$ 29,151 06	$ 29,151 06	$ 29,151 06	$ 29,151 06	$ 29,151 06	$ 29,151 06	$ 29,151 06	$ 29,151 06	$ 29,151 06
Do. Subsidy	357,000 00	357,000 00	357,000 00	357,000 00	357,000 00	357,000 00	357,000 00	357,000 00	357,000 00	357,000 00	357,000 00	357,000 00	357,000 00	357,000 00	357,000 00	357,000 00
Do. Grant per capita	142,925 00	142,925 00	142,925 00	142,925 00	142,925 00	142,925 00	142,925 00	142,925 00	142,925 00	142,925 00	142,925 00	142,925 00	142,925 00	142,925 00	142,925 00	142,925 00
Do. for Lands surveyed	100,000 00	100,000 00	100,000 00	100,000 00	100,000 00	100,000 00	100,000 00	100,000 00	100,000 00	100,000 00	100,000 00	100,000 00	100,000 00	100,000 00	100,000 00	100,000 00
Do. special grant "B. N. A. Act, 1907"																
Land Sales	64,884 09	119,276 80	141,540 87	180,941 36	666,635 31	418,966 16	1,417,265 30	2,511 30	1,113,225 75	2,511 30	1,113,225 75	2,511 30	1,113,225 75	2,511 30	1,113,225 75	2,511 30
Land Revenue	76,014 13	55,774 60	152,172 23	1,250,040 74	1,257,380 16	134,142 66	110,997 58	127,558 71	221,554 98	276,561 71	301,251 61	278,402 72	137,103 71	84,447 75	79,469 24	81,246 51
Survey Fees	1,160 50	1,261 30	1,662 30	3,488 50	2,988 50	1,805 00	2,987 50	1,767 50	2,441 50	1,767 50	2,441 50	1,767 50	2,441 50	1,767 50	2,441 50	7,168 00
Water Revenue																
Rents, exclusive of Land	198 00	144 00	96 00	81 60	162 50	50 00	100 00									
Timber Leases	81,111 75	116,281 50	76,278 17	104,144 85	94,140 00	59,085 50	8,885 50	108,857 75	83,060 00	84,576 00	114,176 00	74,051 00	14,176 00	14,176 00	14,176 00	27,597 74
Timber Royalty and Licences	214,100 56	280,906 93	403,643 14	1,156,246 11	1,258,246 67	1,848,204 94	2,234,809 61	2,057,451	2,457,139	2,111,170 04	1,755,119 04	1,147,275 86	1,107,275 86	1,107,275 86	1,107,275 86	28,564 62
Timber Sales																
Free Miners' Certificates	67,287 88	99,854 25	85,501 01	91,228 81	81,741 55	53,976 75	18,779 40	50,995 05	68,987 86	68,101 21	82,586 40	69,501	64,641	47,760 00	86,567 20	132,088 48
Mining Receipts, General	118,727 24	108,274 53	105,132 21	116,305 40	117,778 15	92,329 15	78,262 60	90,586 75	103,213 40	93,161 50	91,774	90,909	64,641	47,760 00	48,567 20	52,376 00
Licences, Trade and Liquor (see note)	55,388 65	61,091 75	55,665 00	51,752	51,788 50	56,600 00	38,761 40	52,100 00	54,700 00	54,700 00	54,700 00	54,700 00	54,700 00	54,700 00	54,700 00	66,807 50
Licences, Game				2,797 50	3,564 00	4,420 00	7,420 00	7,780 00	8,140 00	7,960 00	8,140 00	10,271	9,045	7,180 00	11,864 00	20,553 50
Licences, Commercial Travellers																65,487 50
Fines and Fees of Court	12,611 85	15,564 15	17,251 75	14,441 70	15,882 50	17,188 45	16,966 25	20,734 00	16,000 00	18,911	13,000 00	17,000 00	17,000 00	17,000 00	17,000 00	17,000 00
Probate Fees	8,748 70	11,202 35	10,015 55	9,055 75	10,504 40	8,295 50	13,211 28	19,106 80	37,044 45	30,113	41,740 00	44,000 00	41,000 00	41,000 00	41,000 00	28,005 52
Succession Duty	17,295 74	29,062 05	41,052 78	36,457	52,400 00	52,218	38,184	38,184	38,184	38,184	38,184	38,184	38,184	38,184	38,184	49,479 30
Law Stamps	11,094 60	11,740 45	13,067 00	15,171 60	14,742 75	20,008 35	16,741 10	24,000 00	30,000 00	30,000	30,000 00	30,000 00	30,000 00	30,000 00	30,000 00	241,302 20
Registry Fees	59,041 60	56,015 95	63,012 25	74,140 75	219,384 75	229,609 61	166,626 82	168,500	155,000 00	155,000 00	155,000 00	155,000 00	155,000 00	155,000 00	155,000 00	56,015 36
Registration of Companies																166,644 48
Sale of Government Property	1,064 05	2,551 20	1,542 95	1,198 00	1,648 75	1,276 98	470 15	2,000	7,800	5,429	4,000 00	4,000 00	4,000 00	4,000 00	4,000 00	52,000 00
Marriage Licenses	5,780 00	6,540 00	6,610 00	7,780 00	8,085 00	11,225 00	8,565 00	12,000 00	12,000 00	11,500	12,000 00	11,000 00	11,000 00	11,000 00	11,000 00	8,975 00
Revenue Tax	142,787 40	144,751 00	167,921 00	170,721 00	194,878 00	207,783 00	156,753 00	200,000 00	237,000 00	237,000 00	237,000 00	237,000 00	237,000 00	237,000 00	237,000 00	14,355 00
Real Property Tax	266,199 68	287,497 88	280,000 00	301,705	363,547 21	393,151 22	294,817 34	365,741	385,000 00	414,000 00	429,750 00	446,000 00	455,000 00	455,000 00	455,000 00	1,013,083 47
Personal Property Tax	90,782 07	157,455 09	180,994 80	193,887 90	193,887 90	124,728 01	100,000 00	127,000 00	136,000 00	136,000 00	136,000 00	136,000 00	136,000 00	136,000 00	136,000 00	521,206 19
Wild Land Tax (including Coal and Timber Lands)	51,390 76	119,652 60	101,107 20	101,295	117,909 00	99,374 40	87,311	97,000	94,000 00	94,000	94,000 00	94,000 00	94,000 00	94,000 00	94,000 00	521,206 19
Income Tax	28,870 40	27,160 20	27,000 00	83,901	151,000 00	152,899	94,000 00	146,000	146,000 00	146,000	146,000 00	146,000 00	146,000 00	146,000 00	146,000 00	690,536 50
Mineral Tax	78,259 70	74,000 00	83,000 00	83,901	152,899	94,000	146,000 00	146,000	146,000 00	146,000	146,000 00	146,000 00	146,000 00	146,000 00	146,000 00	670,638 25
Royalty and Tax on Coal	77,000 00	74,000 00	94,000 00	107,887	107,349	124,518	94,000 00	146,000	146,000 00	146,000	146,000 00	146,000 00	146,000 00	146,000 00	146,000 00	288,570 10
Revenue Service Refunds	1,000 00	1,000 00	1,000 00	814	1,000 00	1,000 00	1,000 00	1,000	1,000 00	1,000	1,000 00	1,000 00	1,000 00	1,000 00	1,000 00	191,028 13
Tax Sale Deeds	10 00	5 00	1,000 00	1,440 00	1,000 00	1,000 00	1,000 00	1,000	1,000 00	1,000	1,000 00	1,000 00	1,000 00	1,000 00	1,000 00	684 12
Tax on unworked Crown-granted Mineral Claims		2,500 00	35,000 00	38,000 00	31,000 00	30,000 00	23,000 00	30,000 00	42,000 00	41,000 00	41,000 00	41,000 00	41,000 00	41,000 00	41,000 00	37,503 32
Commission and Fees on Sales for Taxes	1,270 35	1,082 55	102 50	1,800 00	1,800 00	1,800 00	1,800 00	1,800	1,800 00	1,800	1,800 00	1,800 00	1,800 00	1,800 00	1,800 00	
Printing, Office	27,466 84	29,000 00	31,624 20	34,000 00	37,000 00	38,000 00	27,000 00	34,000	41,000 00	41,000	41,000 00	41,000 00	41,000 00	41,000 00	41,000 00	
Registered Taxes (all denominations)	1,000 00	75 00	148 60	97 50	160 18	90 70	21 75	24	28	28	17	16	8	6	4	15 71
Bureau of Mines	6,000 00	6,000 00	5,000 00	5,000 00	5,000 00	5,000 00	3,750 00	5,000	5,000 00	5,000	5,000 00	5,000 00	5,000 00	5,000 00	5,000 00	4,166 67
Hospital for the Insane	11,241 75	15,761 60	14,349 75	19,067	17,000 00	21,692	20,943	28,000	31,000 00	30,000	30,000 00	30,000 00	30,000 00	30,000 00	30,000 00	48,589 25
Provincial Home	1,000 00	1,771 40	1,000 00	1,000 00	1,000 00	1,000 00	1,000 00	1,000	1,000 00	1,000	1,000 00	1,000 00	1,000 00	1,000 00	1,000 00	11,622 45
Reimbursements for keep of prisoners	1,457 14	3,021 50	2 10	2,057	1,000 00	1,000 00	1,000 00	1,000	1,000 00	1,000	1,000 00	1,000 00	1,000 00	1,000 00	1,000 00	9,085 00
Chinese Restriction Act (and Amending Acts) (Dominion Statutes)	90 00	2,340 00	2,250 00	1,800 00	2,340 00	2,160 00	1,260 00	1,440	1,260 00	1,440	1,260 00	1,440	1,260 00	1,440	1,260 00	1,440 00
Traffic Tolls, New Westminster Bridge				14,744	18,000 00	24,000 00	18,000 00	24,000	24,000 00	24,000	24,000 00	24,000	24,000 00	24,000	24,000 00	24,000 00
Interest	256 63	2,882 14	18,806 60	17,742 11	6,013 66	19,004 38	52,461 84	15,000	588 77	1,000	1,000 00	1,000	1,000	1,000	1,000	123,452 43
"Dykes Assessment Act, 1905" (tax on lands against which charged)				11,748 87	14,701 11	11,505 45	10,000 00	20,000	20,000 00	20,000	20,000 00	20,000	20,000 00	20,000	20,000 00	19,000 00
Boiler Inspection Fees							20,004	25,000	25,000 00	25,000	25,000 00	25,000	25,000 00	25,000	25,000 00	25,000 00
Log scaling Fees					15,649 00	19,220 15	13,010 20	31,468 25	27,748 64	30,779 60	25,341 20	18,000	18,000 00	18,000	18,000 00	104,000 00
Fishery and Cannery Licences							20,957 50	21,440 00	24,457 79	20,004 65	38,000 00	38,000	38,000 00	38,000	38,000 00	1,385,000 00
Licences, Taxes, and Fees under "Fire Insurance Act"																60,093 52
Licences and Fees, under "Motor-traffic Regulation Act"																40,000 00
Fees under "Moving Pictures Act"																3,794 00
Amusements Tickets Tax																
Dog licences																
Poll Tax																
Sales of Liquor under "Prohibition Act"																17,199 93
Miscellaneous Receipts	26,646 42	24,548 80	28,700 60	74,631 34	29,197 60	37,417 50	41,720 80	45,000	40,000 00	40,000	40,000 00	40,000	40,000 00	40,000	40,000 00	129,006 75
Interest on Investment of Sinking Funds	2,000 11 06	2,597,897 69	2,874,554 70	2,992,900 30	4,338,032 32	5,331,372 96	4,638,502 25	8,818,596 28	10,450,908 42	10,677,762 71	12,436,027 73	10,308,381 10	7,871,375 10	6,161,500 00	6,709,058 39	8,735,885 00
Unclaimed Money Deposits (reverted to the Province, Act 1905)	85,218 91	10,997 01	17,997 07	1,744	1,000 00	47,687	55,958 64	4,000	4,000 00	4,000	4,000 00	4,000	4,000 00	4,000	4,000 00	126,001 02
					17,111 15											
NET REVENUE	$ 3,144,291 92	$ 3,638,260 68	$ 3,920,461 71	$ 3,944,442 49	$ 4,411,263 81	$ 4,779,054 98	$ 4,644,540 49	$ 5,344,411 44	$ 5,441,882 87	$ 5,744,544 81	$ 5,944,044 54	$ 5,541,446 49	$ 5,091,660 49	$ 4,784,660 49	$ 4,882,146 02	
Loan Act, 1902, £721,000	$ 3,496,850 00															
Loan Act, 1903		1,000,000 00														
Loan Act, 1904 (4), 500,000																
Loan Act, 1905																
Loan Act, 1906																
Loan Act, 1907																
Treasury Bills																
Deposits on account of Interstate Estates (receipts)	6,661 41	6,661 41	6,661 41	6,661 41	6,661 41	6,661 41	4,996 05	1,998	1,998 00	1,998	1,998 00	1,998	1,998 00	1,998	1,998 00	1,998 00
Do " Suitors' Fund " "	40,959 56	29,559 69	29,559 71	30,622	30,622	30,622	22,966	30,622	30,622 00	30,622	30,622 00	30,622	30,622 00	30,622	30,622 00	30,622 00
Do " Tax Sales surplus "		1,787 94	905	1,055 16	6,983 21	6,040 41	4,015 91	6,994 79	4,993 56	10,000	11,128	7,961	5,000	5,000	5,000	5,000 00
Do " Official Guardian "																
Do " Rural Districts School Tax "																
Shuswap & Okanagan Railway receipts (Act, 1890)	19,951 60	21,886 97	24,021 40	8,500	35,799 20	36,941 21	27,702 40	41,908	41,908 00	41,908	41,908 00	41,908	41,908 00	41,908	41,908 00	41,908 00
Nakusp & Slocan Railway receipts (Act, 1894)	6,076 37	9,129 06	6,311	4,783	7,562	6,765	4,575	7,000	7,000 00	7,000	7,000 00	7,000	7,000 00	7,000	7,000 00	7,000 00
Victoria and Sidney Railway (Act, 1892)																

EXPENDITURE.	1902-1903 1st July to 30th June.	1903-1904 1st July to 30th June.	1904-1905 1st July to 30th June.	1905-1906 1st July to 30th June.	1906-1907 1st July to 30th June.	1907-1908 1st July to 30th June.	1908-1909 1st July to 31st March (9 Months).	1909-1910 1st April to 31st March.	1910-1911 1st April to 31st March.	1911-1912 1st April to 31st March.	1912-1913 1st April to 31st March.	1913-1914 1st April to 31st March.	1914-1915 1st April to 31st March.	1915-1916 1st April to 31st March.	1916-1917 1st April to 31st March.	1917-1918 1st April to 31st March.
I.—Public Debt:—																
Interest	$ 386,127 87	$ 346,042 54	$ 393,623 93	$ 411,758 93	$ 406,408 93	$ 364,376 19	$ 182,991 26	$ 335,213 43	$ 333,112 53	$ 332,037 52	$ 331,335 53	$ 328,387	$ 894,015	$ 879,962	$ 867,274 30	$ 912,467 93
Sinking Funds (chargeable to investment acc't, as follows:—																
Trustees' account, " Loan Act, 1877 "	9,253 80	9,253 80	9,253 80	4,626 90												
Do Interest invested, " Loan Act, 1887 "	12,949 60	12,774 90	13,549 25	14,797 65	15,164 20											
Do " Loan Act, 1891, '93, '95, '99 & 1902 "	8,577 22	8,577 22	8,577 22	8,577 22	8,577 22	8,577 22	4,288 61	8,577 22	8,577 22	8,577 22	8,577 22	8,577 22	8,577 22	8,577 22	8,577 22	4,288 61
Do " Loan Act, 1901 "	5,209 58	5,362 78	6,366 67	6,580 17	7,318 58	5,809 75	4,167 30	8,780 74	9,398 08	10,030 14	10,666 57	11,401	12,166	12,966	13,802	14,674
Do " Loan Act, 1903 "	44,719 16	94,819 66	99,819 66	99,819 66	99,819 66	99,819 66	74,864 75	99,819 66	99,819 66	99,819 66	99,819 66	99,819 66	99,819 66	99,819 66	99,819 66	99,819 66
Do " Loan Act, 1904 "	17,876 74	21,866 42	29,066 65	39,424 95	54,967 58	39,791 72	24,777 34	47,358 92	52,525 77	57,909 97	63,490 99	69,288	75,309	81,565	87,715	94,018 14
Do " Loan Act, 1905 "																11,196 66
Do " Loan Act, 1906 "																291,666 67
Do " Loan Act, 1907 "																57 74
Do " Loan Act, 1910 "																254 15
Do " Loan Act, 1911 "																41 51
Do " Loan Act, 1912 "																
Do " Loan Act, 1913 "																
Do " Loan Act, 1914 "																
Sinking Fund, " Loan Act, 1914 "																7,168 75
Do Interest invested " Loan Act, 1914 "																32,569 20
Do " Loan Act, 1915 "																27,597 74
Do Interest invested, " Loan Act, 1915 "																28,564 62
Do " Loan Act, 1916 "																
Do Interest invested " Loan Act, 1916 "																
Do " Dyking Assessments Adjustment Act, 1905 "																132,088 48
Premium and Exchange	8 00	2,980 00	2,969 78	3,671 70	7,020 20	2,031 67	1,103 24	2,677 18	2,968 89	2,587 61	2	1,110	1,899	2	91 97	612 05
Discount and Commission	372,715 10	5,629 40	5,668 38	5,711 41	5,457 39	4,918 76	2,428 92	5,030 04	5,411 04	5,519 94	5	1,999	3,421	4	1,999	4,703 29
Incidental Expenses of negotiating Loan	3,042 47															
† Redemption of Debentures (Loan Act, 1887)																169 58
† Reisemption of Debentures (Loan Act, 1891)	10,000 00	10,000 00	10,000 00	10,000 00	10,000 00	10,000 00										
† Redemption of Debentures (Loan Act, 1903)			100,000 00	100,000 00	100,000 00	676,000 00	4,000 00	4,000 00	4,000 00	4,000 00	4,000 00	4,000				
† Redemption of $100,00 Dyking Debentures)							91,047 61									
(purchased before maturity @ .91)																
† Do $71,000 " .93 "									66,030 00							
† Do 25,000 " .95 "																
† Do 30,000 " .96 "																
II.—Civil Government (Salaries)	245,459 62	280,566 78	256,948 89	263,634 75	282,622 70	318,817 65	264,273 87	389,700 87	503,676 44	875,609 73	877,602 21	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
III.—Administration of Justice (Salaries)	119,319 09	124,258 35	114,455 46	118,722 52	120,290 40	134,255 95	106,233 50	151,780 84	161,266 67	28,774 65	47,489 59	50,000	50,000	50,000	50,000	50,000
IV.—Legislation	14,455 05	79,749 50	45,653 07	47,765 65	80,747 70	67,157 75	68,075 08	114,236 06	71,500 87	74,171 05	137,088 89	82,000	82,000	82,000	82,000	82,000
V.—Public Institutions (Maintenance)																
Printing Office	49,068 37	49,063 21	53,393 03	41,291 35	53,343 97	86,673 49	56,342 52	90,035 58	125,819 65	93,666 92	83,662 70	90,000	91,000	92,000	93,000	10,833 30
Hospital for the Insane	160,445 38	167,788 06	177,866 09	184,000 48	214,000 00	1,165,449 17	263,972 65	129,000 00	129,000 00	129,000 00	129,000 00	129,000	129,000	129,000	129,000	107,500 00
Museum	5,247 60	5,014 99	5,208 30	5,204 47	5,560 36	5,880 40	3,747 82	5,224 47	6,593 76	2,221 58	1,557 38	2,000	2,000	2,000	2,000	1,666 67
Provincial Home	15,045 62	15,169 74	12,545 93	12,474 16	12,726 11	14,169 32	11,124 45	16,915 18	1,501 68	14,129 81	1,000 00	15,000	15,000	15,000	15,000	12,500 00
Bureau of Mines	5,670 16	2,841 96	4,000 00	1,998 78	2,440 10	1,743 12	2,998 38	4,201 46	4,421 80	261 25	5,000 00	5,000	5,000	5,000	5,000	4,166 67
Mines Rescue stations																10,000 00
Fisheries (hatcheries and administration)			12,219 09	14,194 55	12,025 56	12,839 44	10,048 34	21,728 03	17,508 36	17,000 00	16,000 00	16,000	16,000	16,000	16,000	17,500 00
Industrial School for Boys																11,250 00
Industrial School for Girls																17,500 00
VI.—Hospitals and Charities	52,070 34	135,875 01	90,466 83	107,571 10	125,630 61	163,047 57	178,379 49	209,144 14	304,066 04	306,904 92	303,369 21	140,784	140,000	140,000	140,000	140,000
VII.—Administration of Justice (other than Salaries)	101,491 91	103,757 13	108,186 87	116,405 53	114,069 89	152,840 75	143,305 70	213,366 61	223,339 26	277,805 06	451,205 61	470,000	480,000	490,000	500,000	510,000
VIII.—Education	387,434 46	415,685 42	433,045 17	418,007 97	499,690 37	466,085 63	373,709 42	587,095 91	690,141 75	783,293 47	944,037 71	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
IX.—Transport	27,220 90	28,644 60	27,584 82	29,021 62	27,878 97	40,054 65	27,023 40	50,104 43	54,251 60	91,912 29	84,428 50	1,331,413	1,297,490	98	1,483 14	1,297,490 98
X.—Department of Agriculture		32,411 96														30,000 00
XI.—Revenue Services	50,329 02	24,165 36	22,091 90	24,918 15	58,190 54	54,231 45	54,243 00	97,268 80	57,166 65	57,166 65	57,166 65	57,166	57,166	57,166	57,166	57,166 65
XII.—Public Works:																60,293 52
Works and Buildings	242,910 11	142,291 40	104,129 93	72,028 37	252,209 84	469,942 44	579,080 29	811,163 79	1,466,243 74	1,815,453	1,993,553	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Parliament Buildings			25,000 00													
Government House, Victoria (see note)	2,484 05	33,811 78	3,276 70	3,125 77	9,095 83	18,448 76	22,106 85	18,348 76								
Roads, Streets, Bridges and Wharves (see note)	369,020 90	466,612 92	286,504 56	393,504 06	567,722 73	896,179 59	1,311,598 88	2,012,103 42	3,072,496 90	2,995,732 92	4,751	4	4	4	4	4
Surveys	12,411 94	5,190 01	6,954 02	6,978 56	25,047 10	73,859 96	109,218 92	268,193 60	4	4						
New Westminster Bridge	501,601 86	470,743 30	45,703 46													
Irrigation							2,000 00									
Bridges																
Ferries																
Subsidies to Steamboats																
Subsidies to Steamboats, Ferries, and Bridges																
Miscellaneous																
XIII.—Miscellaneous (see note)	161,522 29	181,915 70	180,468 50	179,557 91	188,597 74	275,010 69	310,007 43	564,452 96	861,598 57	2,087,2	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
XIV.—Department of Lands																1,000,000
																1,000,000
* *Less* amount of Sinking Funds as above, chargeable to Investm't acc't.	3,357,450 93	3,020,237 47	3,575,374 17	2,629,147 66	3,142,796 06	4,541,091 34	3,962,204 06	6,616,938 04	8,392,273 98	11,368,7	15,628,805 06	15,955,123	16,000,000	16,000,000	16,000,000	16,000,000
	153,051 48	147,445 58	162,867 32	183,021 29	183,316 09	168,927 58	96,023 01	163,042 24	169,720 43	175,1	181,983 94	188 211 07				78 18
† *Less* Redemption of Debentures as above, chargeable against Loans	3,204,182 25	2,872,791 89	3,412,506 85	2,446,126 37	2,959,479 97	4,372,163 76	3,866,181 05	6,452,895 80	8,222,553 55	11,193,024 25	15,444,821 12	15,766,912	16,000,000	16,000,000	16,000,000	16,000,000
	10,000 00	10,000 00	110,000 00	110,000 00	110,000 00	686,000 00	95,047 61	70,030 00	4,000 00	32,500 00	4,000 00	27,750				
Less transfers to Capital Account:	3,214,182 25	2,882,791 89	3,301,416 84	2,325,126 37	2,849,479 97	3,686,163 76	3,741,133 44	6,382,865 80	8,194,802 95	11,189,024 25	15,440,821 12	15,762,912	16,000,000	16,000,000	16,000,000	16,000,000
XII. Public Works:																
Works and Buildings																141,780 00
Roads, Streets, Bridges and Wharves																1,000,000 00
XIII.—Miscellaneous																1,000,000 00
XIV.—Department of Lands																1,000,000 00
																141,780 00
NET EXPENDITURE	$ 3,214,182 25	$ 2,882,791 89	$ 3,301,416 84	$ 2,325,126 37	$ 2,849,479 97	$ 3,686,163 76	$ 3,741,133 44	$ 6,382,865 80	$ 8,194,802 95	$ 11,189,024 25	$ 15,440,821 12	$ 15,762,912	$ 16,000,000	$ 16,000,000	$ 16,000,000	$ 16,000,000
Deposits on account of Interstate Estates (repaid)	39,758 49	68,242 78	61,683 39	69,539 91	78,808 25	86,763 50	152,443 21	147,853 11	153,400 77	192,407 47	1,111	1,111	1,111	1,111	1,111	1,111
Do " Suitors' Fund " "	28,930 40	29,559 75	19,768 14	76,786 18	89,107 81	87,442 42	48,253 40	88,701 80	153,391 18	185,041 88	1,111	1,111	1,111	1,111	1,111	1,111
Do " Tax Sales surplus "		419 26	765 63	179 21	1,434 15	3,477 98	3,635	3,111 60	1,861 63	13,397 62	27,171 61	1,111	1,111	1,111	1,111	1,111
Do " Official Guardian "											1,000,000 00	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Do " Rural Districts School Tax "										150 00	30,108 29	1,111	1,111	1,111	1,111	1,111
Interstate Estates Deposits (reverted to Province, unclaimed, Act 1905)																1,111
Suitors' Fund Deposits " "							42,966 78									
							5,964 00									
Shu

INSCRIBED STOCK ISSUED.

:o:

RETURN showing the amount of INSCRIBED STOCK issued under the British Columbia Loan Acts.

[To 31st March, 1919.]

3 per cent.—Inscribed Stock, issued under "Loan Act, 1891."

Terminable 30th June, 1941.	Issue for Money Loan.	Issue for redemption of Debentures of Loan, 1877.	Issue for redemption of Debentures of Loan, 1887.	Total Issue.	
Date of Issue.					
1st July, 1891..	£200,000=$970,000	.....	.....	£200,000 @ $4.85	=$ 970,000.00
1st July, 1892..	.....	£42,195=$204,645.75	£126,750=$614,737.50	168,945 "	819,383.25
1st Jan., 1893..	.....	20,450= 99,182.50	12,720= 61,692.00	33,170 "	160,874.50
1st July, 1893..	.....	980= 4,753.00	.....	980 "	4,753.00
1st Jan., 1894..	.....	2,100= 10,185.00	7,250= 35,162.50	9,350 "	45,347.50
1st Jan., 1895..	.....	2,380= 11,543.00	9,375= 45,468.75	11,755 "	57,011.75
1st July, 1895..	.....	1,540= 7,469.00	500= 2,425.00	2,040 "	9,894.00
1st July, 1896..	.....	1,820= 8,827.00	2,000= 9,700.00	3,820 "	18,527.00
1st Jan., 1897..	.....	6,250= 30,312.50	3,600= 17,460.00	9,850 "	47,772.50
1st July, 1897..	.....	.....	1,150= 5,577.50	1,150 "	5,577.50
				£441,060	$2,139,141.00

$2,139,141 00

3 per cent. Inscribed Stock issued under "Loan Act, 1893," Terminable 30th June, 1941.

Date of Issue, 1st July, 1893..	Issue for Parliament Buildings Construction, £123,700 @ $4.85	599,945 00

3 per cent. Inscribed Stock issued under "Loan Act, 1895," Terminable 30th June, 1941.

Date of Issue, from 1st Jan., 1895..	..... £420,000 @ $4.85	2,037,000 00

3 per cent. Inscribed Stock issued under "Loan Act, 1899," Terminable 30th June, 1941.

Date of Issue, from 1st July, 1899..	..... £340,000 @ $4.85	1,649,000 00

3 per cent. Inscribed Stock issued under "Loan Act, 1902," Terminable 30th June, 1941.

Date of Issue, from 1st July, 1902..	..... £721,000 @ $4.85	3,496,850 00

4 1/2 per cent. Inscribed Stock issued under "Loan Act, 1914," Terminable 1st April, 1941.

Date of Issue, from 1st April, 1914	..... £1,500,000 @ $4.85	7,275,000 00
		17,196,936 00

DEBENTURES OUTSTANDING.

—:o:—

RETURN showing the amount of DEBENTURES outstanding, issued under the British Columbia Loan Acts.

[To 31ST MARCH, 1919.]

4 1/2 per cent. Debentures issued under "Loan Act, 1915."

Date of Issue.	Terminable.	Numbers.	Denomination.	Total amount issued and outstanding.
1st December, 1915	1st December, 1925	1 to 500 501 to 3,380	$ 500 1,000	$3,130,000 00

4 1/2 per cent. Debentures issued under "Loan Act, 1916."

Date of Issue.	Terminable.	Numbers.	Denomination.	Total amount issued and outstanding.
1st July, 1916	1st July, 1926	D. 0001 to D. 2,000	$1,000	$2,000,000 00

5 per cent. Debentures issued under "Loan Act, 1916."

Date of Issue.	Terminable.	Numbers.	Denomination.	Total amount issued and outstanding.
1st April, 1918	1st April, 1928	1 to 100 101 to 420 421 to 1,250	$ 100 500 1,000	$1,000,000 00

5 per cent. Debentures issued under "Loan Act, 1917."

Date of Issue.	Terminable.	Numbers.	Denomination.	Total amount issued and outstanding.
1st December, 1917	1st December, 1937	G. 1	$300,000	$300,000
1st April, 1918	1st April, 1938	I. 1	200,000	200,000
1st November, 1918	1st November, 1938	M. 1	100,000	100,000
2nd December, 1918	1st December, 1938	O. 1., P. 1	100,000	200,000
				$800,000

5 1/2 per cent. Debentures issued under "Loan Act, 1918."

Date of Issue.	Terminable.	Numbers.	Denomination.	Total amount issued and outstanding.
5th March, 1919	5th March, 1939	S 1 to S 1,000 S 1,001 to S 1,400 S 1,401 to S 4,100	$ 100 500 1,000	$3,000,000 00

DYKING DEBENTURES OUTSTANDING.

—:o:—

RETURN showing the amount of DEBENTURES outstanding, issued under the Dyking Acts.
[To 31st March, 1919.]

3 1/2 per cent. Debentures issued under the "Dyking Debenture Act, 1897," the "Public Dyking Act, 1898," and the "Public Dyking Act (1898) Amendment Act, 1899."

Date of Issue.	Date issued from Treasury.	Numbers.	Denomination.	When redeemable.	Total amount outstanding.
July 1st, 1897 ...	November 24th, 1897.	1 to 118	$1,000 00	40 years from 1st July, 1897.	$118,000 00
"	January 15th, 1898.	119 to 314	1,000 00	" "	196,000 00
"	February 3rd, 1898.	315 to 374 — Act 1897.	1,000 00	" "	60,000 00
"	February 9th, 1898.	375 to 424	1,000 00	" "	50,000 00
"	May 16th, 1898.	425 to 471	1,000 00	" "	47,000 00
July 1st, 1899...	December 29th, 1899.	1 to 200—Acts 1898 and 1899.	1,000 00	38 years from 1st July, 1899.	200,000 00
					$671,000 00
	Less Debentures redeemed in 1908, $100,000; do. 1909, $71,000; do. 1911, $25,000. do. 1912, 30,000.				226,000 00
					$445,000 00

UNIVERSITY OF ILLINOIS LIBRARY
MAR 19 1921

DR.

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INSCRIBED STOCK. — SINKING FUND.

LOAN ACTS, 1891, 1893, 1895, 1899, and 1902.

DR. BRITISH COLUMBIA LOAN TRUSTEES, LONDON, IN ACCOUNT WITH THE PROVINCE OF BRITISH COLUMBIA. CR.

Date.	Transfer of Securities from Sinking Fund, "Loan Act, 1887."	Remittances.	Interest on Investments and Bank Balances.	Total.
December 23rd, 1891		$4,850 00		$4,850 00
June 23rd, 1892		4,850 00		4,850 00
June 30th, 1892			$ 13 34	13 34
Dec. 31st, 1892		8,946 92		8,946 92
March 31st, 1893			115 37	115 37
June 30th, 1893		9,751 28		9,751 28
December 31st, 1893		9,775 05		9,775 05
June 30th, 1894		10,001 79		10,001 79
June 30th, 1894			1,477 85	1,477 85
June 30th, 1894		17,998 35		17,998 35
December 31st, 1894		13,286 57		13,286 57
February 28th, 1895			1,096 62	1,096 62
June 30th, 1895			1,315 95	1,315 95
June 30th, 1895		13,336 04		13,336 04
December 31st, 1895		23,521 05		23,521 05
January 31st, 1896			1,547 19	1,547 19
June 30th, 1896		23,613 68		23,613 68
June 30th, 1896			1,936 88	1,936 88
December 31st, 1896		23,852 53		23,852 53
January 31st, 1897			2,309 87	2,309 87
June 30th, 1897		23,880 42	2,694 62	26,575 04
January 31st, 1898		23,880 43	3,088 32	26,968 75
June 30th, 1898		23,880 43	3,482 02	27,362 45
December 31st, 1898		23,880 43	3,895 54	27,775 97
June 30th, 1899		23,880 43	4,318 56	28,198 99
December 31st, 1899		30,684 98	4,734 69	35,419 67
June 30th, 1900		33,565 88	5,293 29	38,859 17
December 31st, 1900		32,125 43	5,917 42	38,042 85
June 30th, 1901		32,125 43	6,536 00	38,661 43
December 31st, 1901		32,125 43	7,176 78	39,302 21
June 30th, 1902		32,125 43	7,812 42	39,937 85
December 31st, 1902		32,125 43	8,456 56	40,581 99
June 30th, 1903		67,093 93	9,420 17	76,514 10
December 31st, 1903		49,609 68	10,412 26	60,021 94
June 30th, 1904		49,609 68	11,444 16	61,053 84
December 31st, 1904		49,609 68	12,505 96	62,115 64
June 30th, 1905		49,609 68	13,589 07	63,198 75
December 31st, 1905		49,609 68	14,661 57	64,271 25
June 30th, 1906		49,609 68	15,763 36	65,373 04
December 31st, 1906		49,609 68	16,903 58	66,513 26
June 30th, 1907		49,609 68	18,063 95	67,673 63
December 31st, 1907		49,609 68	19,258 20	68,867 88
June 30th, 1908		49 609 68	20,533 52	70,143 20
December 31st, 1908		49,609 68	21,771 34	71,381 02
June 30th, 1909		49,609 68	23,038 45	72,648 13
December 31st, 1909		49,609 68	24,320 47	73,939 15
June 30th, 1910		49,609 68	25,606 50	75,216 18
December 31st, 1910		49,609 68	26,919 27	76,528 95
June 30th, 1911		49,609 68	28,261 80	77,871 48
December 31st, 1911		49,609 68	29,648 17	79,257 85
June 30th, 1912		49,609 68	31,031 15	80,640 83
December 31st, 1912		49,609 68	32,459 84	82,069 52
June 30th, 1913		49,609 68	33,950 68	83,560 36
December 31st, 1913		49,309 68	35,521 07	85,130 75
June 30th, 1914		49,609 68	37,209 52	86,819 20
December 31st, 1914		49,609 68	38,834 76	88,444 44
June 30th, 1915		49,609 68	40,503 39	90,113 07
December 31st, 1915		49,609 68	42,273 14	91,882 82
June 30th, 1916			41,254 94	41,254 94
June 30th, 1917	$399,170 94 (£97,159 13*s.* 2*d.* B.C. 3 % St.)			399,170 94
Dec. 31st, 1917			52,259 47	52,259 47
June 30th, 1918			53,504 00	53,504 00
Dec. 31st, 1918			54,234 68	54,234 68
	$399,170 94	$1,815,399 34	$908,377 73	$3,122,948 01

Date.	Investments.			Expenses and Brokerage.	Total.
March 31st, 1893	Brit. Columbia inscribed stock 3%		$16,195 36	$22 55	$16,217 91
June 30th, 1894	Do	do 3%	25,800 10	70 57	25,870 67
June 30th, 1894	Do	do 3%	13,655 07	37 40	13,692 47
Dec. 31st, 1894	Do	do 3%	11,968 18	30 72	11,998 90
Feb. 28th, 1895	Do	do 3%	14,346 44	36 75	14,383 19
June 30th, 1895	Do	do 3%	14,613 19	38 80	14,651 99
Jan. 31st, 1896	Do	do 3%	25,005 25	62 99	25,068 24
June 30th, 1896	Do	do 3%	25,488 10	62 46	25,550 56
Jan. 31st, 1897	Do	do 3%	26,097 90	64 50	26,162 40
June 30th, 1897	Do	do 3%	26,509 15	65 89	26,575 04
Jan. 31st, 1898	Do	do 3%	26,902 87	65 88	26,968 75
June 30th, 1898	Do	do 3%	27,293 28	69 17	27,362 45
Dec. 31st, 1899	Do	do 3%	27,706 33	69 64	27,775 97
June 30th, 1899	Do	do 3%	28,127 57	71 42	28,198 99
Dec. 31st, 1900	Do	do 3%	35,406 33	13 34	35,419 67
June 30th, 1900	Do	do 3%	38,754 63	104 54	38,859 17
Dec. 31st, 1900	Do	do 3%	37,939 49	103 36	38,042 85
June 30th, 1901	Do	do 3%	38,554 37	107 06	38,661 43
Dec. 31st, 1901	Do	do 3%	39,196 04	106 17	39,302 21
June 30th, 1902	Do	do 3%	39,830 18	107 67	39,937 85
Dec. 31st, 1902	Do	do 3%	40,468 99	113 00	40,581 99
June 30th, 1903	Do	do 3%	76,299 73	214 37	76,514 10
Dec. 31st, 1903	Do	do 3%	59,849 52	172 42	60,021 94
June 30th, 1904	Do	do 3%	60,876 65	177 19	61,053 84
Dec. 31st, 1904	Do	do 3%	61,934 86	180 78	62,115 64
June 30th, 1905	Do	do 3%	63,019 06	179 69	63,198 75
Dec. 31st, 1905	Do	do 3%	64,087 08	184 17	64,271 25
June 30th, 1906	Do	do 3%	65,182 76	190 28	65,373 04
Dec. 31st, 1906	Do	do 3%	66,319 34	193 92	66,513 26
June 30th, 1907	Do	do 3%	67,673 63	.....	67,673 63
Dec. 31st, 1907	Do	do 3%	68,867 88	.....	68,867 88
June 30th, 1908	Do	do 3%	70,143 20	.....	70,143 20
Dec. 31st, 1908	Do	do 3%	71,381 02	.....	71,381 02
June 30th, 1909	Do	do 3%	72,648 13	.....	72,648 13
Dec. 31st, 1909	Do	do 3%	73,830 49	99 66	73,930 15
June 30th, 1910	Do	do 3%	74,992 35	223 83	75,216 18
Dec. 31st, 1910	Do	do 3%	76,300 28	228 67	76,528 95
June 30th, 1911	Do	do 3%	77,636 01	235 47	77,871 48
Dec. 31st, 1911	Do	do 3%	79,020 44	237 41	79,257 85
June 30th, 1912	Do	do 3%	80,398 09	242 74	80,640 83
Dec. 31st, 1912	Do	do 3%	81,813 20	256 32	82,069 52
June 30th, 1913	Do	do 3%	83,292 40	267 96	83,560 36
Dec. 31st, 1913	Do	do 3%	84,985 70	145 05	85,130 75
June 30th, 1914	Do	do 3%	86,679 64	139 55	86,819 19
Dec. 31st, 1914	Do	do 3%	88,159 64	284 81	88,444 45
June 30th, 1915	Do	do 3%	89,813 83	299 24	90,113 07
Dec. 31st, 1915	Do	do 3%	91,547 08	335 74	91,882 82
June 30th, 1916	Do	do 3%	41,096 59	158 35	41,254 94
June 30th, 1917	Do	do 3%	399,170 94	.....	399,170 94
Dec. 31st, 1917	Do	do 3%	52,048 14	211 33	52,259 47
June 30th, 1918	Do	do 3%	53,300 30	203 70	53,504 00
Dec. 31st, 1918	Do	do 3%	27,030 02	105 97	27,135 99
March 31st, 1919	Cash in Bank		27,098 69	.....	27,098 69
			$3,116,355 51	$6,592 50	$3,122,948 01

NOTE.—The total amount of British Columbia 3% stock held by the Trustees on the 31st March, 1919, was £757,016 14*s.* 5*d.*

Treasury, 23rd December, 1919.

W. J. GOEPEL, *Deputy Minister of Finance.*

LOAN ACT, 1914.—SINKING FUND.

THE MINISTER OF FINANCE, TRUSTEE, IN ACCOUNT WITH THE PROVINCE OF BRITISH COLUMBIA.

DR.

Date.	Remittances.	Interest on Investments and Bank Balances.	Total.
12th March, 1917	$145,500 00		$145,500 00
31st March, "		$ 237 54	237 54
5th June, "	291,000 00		291,000 00
31st March, 1918		11,661 24	11,661 24
29th Oct., "	119,050 00		119,050 00
31st March, 1919		25,816 18	25,816 18
	$555,550 00	$37,714 96	$593,264 96

CR.

Date Invested.	Dominion Government 5½ per cent. War Loan, 1933 (par value).	Dominion Government 5 per cent. War Loan, 1937 (par value).	Dominion Government 5½ per cent. War Loan, 1937 (par value).	Purchase Price.	Cash in Bank.	Total.
12th March, 1917		$151,500 00		$145,105 79		$145,105 79
5th June, "		303,700 00		291,749 60		291,749 60
1st Dec., "		Converted into	$460,300 00	11,532 12		11,532 12
16th Nov., 1918	$131,850 00			131,850 00		$131,850 00
31st March, 1919					$13,027 45	13,027 45
			$460,300 00	$580,237 51	$13,027 45	$593,264 96

LOAN ACT, 1915.—SINKING FUND.

THE MINISTER OF FINANCE, TRUSTEE, IN ACCOUNT WITH THE PROVINCE OF BRITISH COLUMBIA.

DR.

Date	Remittances.	Interest on Investments and Bank Balances.	Total.
12th March, 1917	$254,715 00		$254,715 00
31st March, "		$ 415 71	415 71
1st Dec., "	254,715 00		254,715 00
31st March, 1918		7,528 28	7,528 28
29th Oct., "	238,908 00		238,908 00
31st March, 1919		29,697 90	29,697 90
	$748,338 00	$37,641 89	$785,979 89

CR.

Date Invested.	Dominion Government 5½ per cent. War Loan, 1933 (par value).	Dominion Government 5 per cent. War Loan, 1937 (par value).	Dominion Government 5½ per cent. War Loan, 1937 (par value).	Purchase Price.	Cash in Bank.	Total.
12th March, 1917		$265,300 00		$254,106 18		$254,106 18
5th June, "		1,300 00		1,248 85		1,248 85
1st Dec., "		Converted into	$526,650 00	261,524 02		261,524 02
16th Nov., 1918	$254,050 00			254,050 00		254,050 00
31st March, 1919					$15,050 84	15,050 84
	$254,050 00		$526,650 00	$770,929 05	$15,050 84	$785,979 89

LOAN ACT, 1916.—SINKING FUND.

THE MINISTER OF FINANCE, TRUSTEE, IN ACCOUNT WITH THE PROVINCE OF BRITISH COLUMBIA.

DR. CR.

Date.	Remittances.	Interest on Investments and Bank Balances.	Total.	Date Invested.	Dominion Government 5½ per cent. War Loan, 1933 (par value).	Dominion Government 5½ per cent. War Loan, 1937 (par value).	Purchase Price.	Cash in Bank.	Total.
1st Dec., 1917	$162,757 64		$162,757 64	1st Dec., 1917		$164,200 00	$162,735 29		$162,735 29
31st March, 1918		$438 58	438 58						
29th October, 1918	154,505 00		154,505 00	19th Nov., 1918	$159,550 00		159,550 00		$159,550 00
31st March, 1919		9,382 26	9,382 26	31st March, 1919				$4,798 19	4,798 19
	$317,262 64	$9,820 84	$327,083 48		$159,550 00	$164,200 00	$322,285 29	$4,798 19	$327,083 48

LOAN ACT, 1917.—SINKING FUND.

THE MINISTER OF FINANCE, TRUSTEE, IN ACCOUNT WITH THE PROVINCE OF BRITISH COLUMBIA.

DR. CR.

Date.	Remittances.	Interest on Investments and Bank Balances.	Total.	Date Invested.	Dominion Government 5½ per cent. War Loan, 1933 (par value).		Purchase Price.	Cash in Bank.	Total.
29th Oct., 1918	$8,610 00		$8,610 00	16th Nov., 1918	$8,600 00		$8,600 00		$8,600 00
31st March, 1919		$12 54	12 54	31st March, 1919				$22 54	22 54
	$8,610 00	$12 54	$8,622 54		$8,600 00		$8,600 00	$22 54	$8,622 54

SECURITIES deposited with the Government as at 31st March, 1919, pursuant to the "Insurance Act," Chapter 33, 1913.

NAME OF COMPANY.	Accepted Value of Security.	NATURE OF SECURITY.
British Columbia Plate Glass Insurance Company	$5,529 12	5 Township of Richmond Debentures, Waterworks By-law 141—$1,000 each. Dominion of Canada War Loan Bond, 1925, $1,000. British Columbia 3% Inscribed stock—£200 sterling.
Guardian Casualty & Guaranty Company of Utah	16,121 19	Deposit, Union Bank of Canada.
Great North Insurance Company	5,000 00	Deposit, Canadian Bank of Commerce.
National Plate Glass Insurance Company, Limited	4,788 35	5 City of Salmon Arm 5% Debentures—$1,000 each. 3 City of Nelson 5% Street Railway Purchase By-law Debentures—$100 each. 3 City of Alberni Roger Creek Debentures By-law 19—$70 each.
Royal Plate Glass Insurance Company of Canada	5,125 00	Deposit Receipt, Canadian Bank of Commerce—$125. 5 Dominion of Canada War Loan Bonds—$1,000 each.
Western Empire Life Assurance Company	27,000 00	27 Dominion of Canada War Loan Bonds—$1,000 each.

Certified.

A. N. MOUAT, C.A.,
Comptroller-General.

W. J. GOEPEL,
Deputy Minister of Finance.

SECURITIES deposited with the Government as at 31st March, 1919, pursuant to various Acts of Incorporation.

NAME OF COMPANY.	Accepted Value of Security.	NATURE OF SECURITY.	AUTHORITY FOR DEPOSIT.
B.C. Trust Company	$25,000 00	Bond, F. Carter-Cotton, R. Kelly	Section 4, chapter 49, 1907.
Dominion Trust Company	50,000 00	*Bond, London Guarantee & Accident Company, Ltd.	Section 9, chapter 89, 1913.

Certified.

A. N. MOUAT, C.A.,
Comptroller-General.

W. J. GOEPEL,
Deputy Minister of Finance.

SECURITIES deposited with the Government as at 31st March, 1919, pursuant to the "Trust Companies Act," Chapter 13, 1914.

NAME OF COMPANY.	Accepted Value of Security.	NATURE OF SECURITY.
British American Trust Company	$50,000 00	*Bond of Railway Passengers Assurance Co.
B.C. Land and Investment Agency, Ltd.	50,000 00	Certificate of Title of Lots 13 and 14, Block 75, Victoria.
B.C. Trust Corporation	62,599 96	Conveyance of undivided one-half interest in 313 lots, North Vancouver. Deposit, Canadian Bank of Commerce, $12,599.96.
Canada Permanent Trust Company	25,000 00	Canadian Pacific Railway Company's 6% Notes Nos. M. 53270 to 53293 and 53890, for $1,000 each.
Canadian Financiers Trust Company	25,000 00	Assignment of mortgages Vancouver City, South Vancouver, Hastings Townsite, Point Grey.
Continental Trust Company	25,000 00	*Bond, Guardian Casualty and Guaranty Co.
Colonial Trust Company	50,000 00	Bond, Employers Liability Assurance Corporation.
Dow Fraser Trust Company	75,000 00	*Bonds, Railway Passengers Assurance Co., $50,000; Guardian Casualty and Guaranty Co., $10,000; assignment of 15 mortgages, $21,990.82; 2 Dominion of Canada 5% War Loan Bonds, 1937, $500 each; 5 Corporation of the District of North Vancouver, Lynn Valley Waterworks Loan By-law, 1910, Debentures, $1,000 each; 6 Corporation of the Township of Richmond, Waterworks Extension By-law, 1914, Debentures, $500 each; 2 Corporation of the City of North Vancouver, Boulevards and Streets By-law, 1907, $1,000 each.
Dominion Trust Company	20,000 00	Deposit, Canadian Bank of Commerce.
General Administration Society of Montreal	25,000 00	Bond, Globe Indemnity Company of Canada.
Imperial Canadian Trust Company	25,000 00	Certificate of Title, Lot 1, Block 28, Plan 208, Winnipeg.
Japan and Canada Trust Savings Company, Ltd	75,000 00	Assignment of mortgages.
Mercantile Trust Company of Canada	25,000 00	15 City of Victoria 6% Debentures, 1928, $1,000 each; 10 City of Victoria 5% Debentures, 1923, $500 each; 8 Dominion of Canada 5½% War Loan Bonds, 1933, $1,000 each.
Michigan Trust Company	25,000 00	Municipal Debentures, Moose Jaw, By-law No. 779, Nos. 11810 to 11834, for $1,000 each.
Montreal Trust Company	200,000 00	$205,000; Dominion of Canada 5½% War Loan Bonds.
National Finance Company, Ltd.	125,000 00	Conveyance of 8 lots, Vancouver City, subject to mortgage of $35,000.
National Trust Company	200,000 00	Bond, Imperial Guarantee and Accident Insurance Co. of Canada.
National Finance Trustee, Ltd.	25,000 00	*Bond, United States Fidelity and Guaranty Co.
Northern Trust Company	25,000 00	Deposit Receipt, Union Bank of Canada.
North West Trust Company	175,000 00	Conveyance of Vancouver Realty subject to mortgage of $75,000.
Okanagan Loan and Investment Co., Ltd.	25,000 00	Debenture, South Kelowna Land Co., Ltd., £7,700 sterling.
Prudential Trust Company	25,000 00	Municipal Debentures, City of Victoria, $8,500. Municipal Debentures, Oak Bay, $9,000. Municipal Debentures, Point Grey, $11,000.
Royal Trust Company	200,000 00	Deposit Receipt, Bank of Montreal.
Standard Trusts Company	25,000 00	Bond, Employers Liability Assurance Co., Ltd.
Sterling Trust Company	25,000 00	Assignment of 2 mortgages, Vancouver realty.
Toronto General Trusts Corporation	25,000 00	Bond, Dominion of Canada Guarantee and Accident Insurance Co.
Trustee Company, Ltd.	25,000 00	*Bond, National Surety Co. of New York.
Trust Company of Victoria	25,000 00	*Bond, National Surety Co. of New York.
Vancouver Trust Company	50,000 00	Assignment of mortgages, New Westminster District.
Westminster Trust Company	150,000 00	44 Glen Valley Dyking Bonds, $22,000. Mortgage of New Westminster City property, $170,000, subject to encumbrance of $30,000 on account of unpaid instalments of purchase price.
Yorkshire and Canadian Trust, Ltd.	200,000 00	Assignment of mortgages.

* Bonds not good for new business at this date, but are held as security in respect of business previously existing, arising, contracted, or entered into during the period of their currency.—A. N. M.

Certified.

A. N. MOUAT, C.A.,
Comptroller-General.

W. J. GOEPEL,
Deputy Minister of Finance.

NAKUSP AND SLOCAN RAILWAY COMPANY, IN ACCOUNT WITH THE GOVERNMENT OF BRITISH COLUMBIA.

"NAKUSP AND SLOCAN RAILWAY AID ACT, 1894."

[STATEMENT UP TO DATE, 31ST MARCH, 1919.]

NOTE.—The issue of Bonds by the Company is £131,400, payable in London, and £1,560 payable in Victoria, making a TOTAL ISSUE of £132,960 ($647,072), dated 1st July, 1893, bearing interest at the rate of 4 per cent. per annum, payable half-yearly, redeemable at the expiration of 25 years (1st July, 1918,) the Principal and Interest of which have been guaranteed by the Government of British Columbia.

DR.

Fiscal year ending 31st March.†	Amount paid for interest on bonds.	Commission for payment of interest in London.	Sundry payments.		Total payments.
1894	$ 25,882 87	.....	Accrued interest on $118,400 from 27th July, 1893, to 1st July, 1894	$3,849 00	$ 29,731 87
1895	25,525 40	$ 256 20	Accrued interest on $118,400 from 1st July, 1894, to 1st January, 1895	$2,072 00	
			Cablegrams	8 77	
			Express charges and insurance of bonds ...	94 25	
				2,175 02	27,966 62
1896	26,230 36	257 50	.....		26,487 86
1897	26,005 52	257 27	.....		26,262 79
1898	25,966 10	255 69	.....		26,221 79
1899	25,952 95	256 95	.....		26,209 90
1900	25,887 26	256 49	.....		26,143 75
1901	25,966 10	256 86	.....		26,222 96
1902	26,005 52	257 00	.....		26,262 52
1903	25,795 28	254 90	.....		26,050 18
1904	25,959 53	256 81	.....		26,216 34
1905	26,012 09	256 97	.....		26,269 06
1906	25,992 38	256 74	.....		26,249 12
1907	25,992 38	256 88	.....		26,249 26
1908	25,985 81	256 82	.....		26,242 63
1909	13,002 76	128 56	.....		13,131 26
1910	26,018 61	257 14	.....		26,275 75
1911	25,972 67	256 68	.....		26,229 35
1912	25,949 67	256 46	.....		26,206 13
1913	25,946 39	256 40	.....		26,202 79
1914	25,880 69	256 77	.....		26,137 46
1915	25,795 28	254 92	.....		26,050 20
1916	25,795 28	252 55	.....		26,047 83
1917	25,604 75	251 23	.....		25,855 98
1918	25,483 20	251 78	Allowance for taxes	$ 8,121 66	33,856 64
1919	13,009 33	128 56	Allowance for taxes	$ 7,291 03	
			Cablegrams	27 66	
			Commission for payment of bonds ..	401 79	
			Insurance of bonds	388 05	
			Principal of bonds	650,400 80	
				658,509 33	671,647 22
					$1,326,427 26

CR.

Fiscal year ending 31st March.	Cash deposit in lieu of Dominion subsidy.	Accrued interest from 27th July, '93, to 31st Dec., '94.	Receipts from Can. Pac. Ry., being 40 % of gross earnings of the line.	Total Receipts.
1893	$118,400 00	.....	.....	$118,400 00
1895	.....	$ 5,921 00	$ 3,364 36	9,285 36
1896	.....	.....	11,266 13	11,266 13
1897	.....	.....	18,484 67	18,484 67
1898	.....	.....	17,752 89	17,752 89
1899	.....	.....	15,571 43	15,571 43
1900	.....	.....	9,806 34	9,806 34
1901	.....	.....	12,071 51	12,071 51
1902	.....	.....	8,334 92	8,334 92
1903	.....	.....	6,976 37	6,976 37
1904	.....	.....	9,429 66	9,429 66
1905	.....	.....	6,301 48	6,301 48
1906	.....	.....	9,783 96	9,783 96
1907	.....	.....	7,552 11	7,552 11
1908	.....	.....	6,765 80	6,765 80
1909	.....	.....	4,575 52	4,575 52
1910	.....	.....	5,191 92	5,191 92
1911	.....	.....	5,709 81	5,709 81
1912	.....	.....	8,326 84	8,326 84
1913	.....	.....	9,024 35	9,024 35
1914	.....	.....	9,383 12	9,383 12
1915	.....	.....	4,908 46	4,908 46
1916	.....	.....	3,363 06	3,363 06
1917	.....	.....	5,282 89	5,282 89
1918	.....	.....	4,823 39	4,823 39
1919	.....	.....	4,723 19	4,723 19
	By balance		.....	993,332 08
				$1,326,427 26

† Fiscal year ended 30th June, prior to 1909.

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PROVINCE OF BRITISH COLUMBIA

DEPARTMENT OF ATTORNEY-GENERAL

REPORT

OF THE

INSPECTOR OF MUNICIPALITIES

FOR THE YEAR ENDING

DECEMBER 31ST, 1918

PRINTED BY
AUTHORITY OF THE LEGISLATIVE ASSEMBLY.

VICTORIA, B.C.:
Printed by WILLIAM H. CULLIN, Printer to the King's Most Excellent Majesty.
1920.

To His Honour Sir Frank Stillman Barnard, K.C.M.G.,
Lieutenant-Governor of the Province of British Columbia.

May it please Your Honour:

I have the honour to transmit herewith the Annual Report of the Inspector of Municipalities for the year ending December 31st, 1918.

All of which is respectfully submitted.

J. W. de B. Farris,
Attorney-General.

Victoria, December 1st, 1919.

REPORT OF
INSPECTOR OF MUNICIPALITIES.

VICTORIA, B.C., November 1st, 1919.

Hon. J. W. de B. Farris,
Attorney-General.

SIR,—I submit herewith statement showing the results of the various municipal activities of the Province for the year 1918. In comparing the report with that of the year immediately previous, it will be seen that there is very little change in the results of municipal operations or in the financial conditions of the municipalities, except in two outstanding particulars—namely, that the arrears of taxes have increased from $13,680,127.60 to $14,631,216.65, and that the shortages in the sinking funds have increased from $3,641,769.14 to $5,206,093.14.

In the year 1917 the receipts from all sources, including public utilities, were $13,116,716.52 and the expenditures $15,001,191.71, showing a shortage of $1,884,475.19. In 1918 the receipts were $14,734,800.69 and the expenditures $15,566,697.49, showing a shortage of $831,896.70.

At the end of 1917 the condition of the outstanding arrears of taxes as compared with liabilities other than debenture issues was as follows:—

Arrears of taxes		$13,680,127 60
Sundry debts, exclusive of debenture issues	$12,054,633 54	
Less amounts repayable by sale of debentures	3,699,573 83	
	$ 8,355,059 71	
Sinking fund shortage	3,641,769 14	
		11,996,828 85
Surplus		$ 1,683,298 75

At the end of 1918 they were as follows:—

Arrears of taxes		14,631,216 65
Sundry debts, exclusive of debenture issues	$11,280,348 86	
Less amounts repayable by sale of debentures	3,247,857 03	
	$8,032,491 83	
Sinking fund shortage	5,206,093 14	
		13,238,584 97
Surplus		$ 1,392,631 68

The statements which I submit herewith are:—

I.—Assessments, 1919.
II.—Tax Levy, 1919.
III.—Liabilities as of December 31st, 1918.
IV.—Sinking Fund as of December 31st, 1918.
V.—Arrears of Taxes.
VI.—Particulars of Receipts for the Year 1918.
VII.—Particulars of Expenditures for the Year 1918.
VIII.—Particulars of Several Amounts of Taxes levied in 1918.
IX.—Comparative Statement of the Receipts from Principal Sources of Revenue for the Years 1914 to 1918.
X.—Comparative Statement of Expenditures on Streets, Fire, Administration of Justice, Public Health, and Council Salaries, 1914 to 1918.
XI.—Financial Statement of Public Utilities of the Municipalities of the Province.

ROBERT BAIRD,
Inspector of Municipalities.

I.—ASSESSMENTS, 1919.

CITIES.

Municipality	Value of Taxable Land.	Value of Taxable Improvements.	Total Taxable Property.	Land and Improvements exempt from Taxation.	Grand Total.	Percentage Improvements Taxed.	Population.	Area in Acres.
Alberni	$ 831,425 00	$ 276,690 00	$ 1,108,115 00	$ 17,282 00	$ 1,125,397 00	*Nil*	500	1,553
Armstrong	604,121 00	491,860 00	1,095,981 00	9,000 00	1,104,981 00	50	1,100	1,000
Chilliwack	812,685 00	882,400 00	1,695,085 00	243,025 00	1,938,110 00	*Nil*	2,000	1,040
Courtenay	573,319 00	224,300 00	797,619 00	21,400 00	819,019 00	*Nil*	770	800
Cranbrook	643,520 00	1,069,800 00	1,713,320 00	.....	1,713,320 00	50	3,000	200
Cumberland	119,700 00	239,915 00	359,615 00	38,900 00	398,515 00	50	1,500	40
Duncan	750,160 00	380,050 00	1,130,210 00	125,280 00	1,255,490 00	50	1,200	500
Enderby	384,755 00	340,890 00	725,645 00	138,060 00	863,705 00	50	970	655
Fernie	844,885 00	1,355,012 00	2,199,897 00	565,085 00	2,764,982 00	*Nil*	5,000	331
Grand Forks	707,015 00	592,340 00	1,299,355 00	420,295 00	1,719,650 00	50	2,000	1,697
Greenwood	75,005 00	58,250 00	133,255 00	157,567 00	290,822 00	33⅓	800	640
Kamloops	2,499,085 00	1,920,590 00	4,419,675 00	846,055 00	5,265,730 00	25	4,000	912
Kaslo	203,028 00	260,146 00	463,174 00	143,758 00	606,932 00	50	1,370	400
Kelowna	1,631,480 00	1,413,275 00	3,044,755 00	375,825 00	3,420,580 00	25	2,650	1,281
Ladysmith	392,745 00	446,050 00	838,795 00	99,900 00	938,695 00	*Nil*	2,850	220
Merritt	566,122 00	.....	566,122 00	103,985 00	670,107 00	*Nil*	1,800	1,615
Nanaimo	2,385,210 00	2,927,370 00	5,312,580 00	287,650 00	5,600,230 00	*Nil*	7,800	720
Nelson	1,868,586 00	2,569,750 00	4,438,336 00	536,935 00	4,975,271 00	*Nil*	5,500	483
New Westminster	12,668,600 00	76,150 00	12,744,750 00	6,662,015 00	19,406,765 00	*Nil*	17,000	3,481
North Vancouver	10,090,460 00	3,703,650 00	13,794,110 00	861,885 00	14,655,995 00	*Nil*	8,100	2,750
Phoenix	132,500 00	140,445 00	272,945 00	.....	272,945 00	50	860	148
Port Alberni	1,156,586 00	578,775 00	1,735,361 00	115,962 00	1,851,323 00	*Nil*	750	1,960
Port Coquitlam	3,771,416 00	452,850 00	4,224,266 00	162,037 00	4,386,303 00	*Nil*	1,200	6,200
Port Moody	1,777,085 00	873,225 00	2,650,310 00	51,553 00	2,701,863 00	*Nil*	2,000	3,000
Prince George	2,464,299 00	1,914,315 00	4,378,614 00	519,049 08	4,897,663 08	*Nil*	1,380	1,092
Prince Rupert	*15,212,295 00	2,757,885 00	17,970,180 00	3,073,550 00	21,043,730 00	*Nil*	4,000	2,240
Revelstoke	1,266,650 00	1,384,400 00	2,651,050 00	588,165 00	3,239,215 00	50	4,200	595
Rossland	548,352 00	1,357,555 00	1,905,907 00	644,565 00	2,550,472 00	50	3,600	1,920
Salmon Arm	461,030 00	330,070 00	791,100 00	88,055 00	879,155 00	50	750	520
Sandon	27,095 00	71,360 00	98,455 00	21,345 00	119,800 00	*Nil*	240	200
Slocan	58,040 00	60,912 00	118,952 00	29,042 00	147,994 00	10	430	192
Trail	456,850 00	1,300,450 00	1,757,300 00	130,653 99	1,887,953 99	50	4,000	664
Vancouver	132,245,023 00	72,799,650 00	205,044,673 00	.....	205,044,673 00	50	115,500	10,784
Vernon	2,134,686 00	1,562,100 00	3,696,786 00	682,210 00	4,378,996 00	40	3,000	2,000
Victoria	45,971,760 00	25,459,740 00	71,431,500 00	12,893,720 00	84,325,220 00	*Nil*	39,500	4,637
Totals	$246,335,573 00	$130,272,220 00	$376,607,793 00	$30,653,809 07	$407,261,602 07	...	251,320	56,470

* Includes property of Grand Trunk Pacific Railway Company, $3,314,500 upon which the annual taxes are fixed at $15,000 and an exemption of one-quarter undivided interest of Provincial Government in lands of Grand Trunk Pacific Development Company, $87,700.

DISTRICTS.

Municipality.	Taxable Land. Value of	Value of Taxable Improvements.	Total Taxable Property.	Land and Improvements exempt from Taxation.	Grand Total.	Percentage Improvements Taxed.	Population.	Area in Acres.
Burnaby	$ 15,691,430 00	$ 4,479,740 00	$ 20,171,170 00	$ 1,968,595 00	$ 22,139,765 00	*Nil*	9,680	21,500
Chilliwhack	2,951,960 00	826,720 00	3,778,680 00	.....	3,778,680 00	*Nil*	5,000	45,000
Coldstream	923,625 00	1,400,585 00	2,324,210 00	.....	2,324,210 00	*Nil*	325	17,000
Coquitlam	1,948,920 00	127,012 00	2,075,932 00	148,673 00	2,224,605 00	*Nil*	1,200	37,120
Delta	5,683,320 00	973,650 00	6,656,970 00	107,800 00	6,764,770 00	*Nil*	3,500	42,000
Esquimalt	4,619,055 00	1,501,375 00	6,120,430 00	552,550 00	6,672,980 00	*Nil*	4,000	1,500
Fraser Mills	142,920 00	639,878 00	782,798 00	.....	782,798 00	50	900	390.46
Kent	766,826 00	.....	766,826 00	.....	766,826 00	*Nil*	750	47,360
Langley	2,073,239 00	141,287 00	2,214,526 00	36,297 00	2,250,823 00	*Nil*	2,500	75,907
Maple Ridge	1,515,585 00	1,112,410 00	2,627,995 00	40,650 00	2,668,645 00	50	3,000	45,000
Matsqui	2,087,720 00	2,131,200 00	4,218,920 00	138,800 00	4,357,720 00	*	2,000	54,145
Mission	797,770 00	1,517,840 00	2,315,610 00	18,871 00	2,334,481 00	50	2,500	52,000
North Cowichan	2,968,439 00	1,693,635 00	4,662,074 00	31,933 00	4,694,007 00	*Nil*	3,000	35,000
North Vancouver	6,824,498 00	2,158,465 00	8,982,963 00	1,651,017 00	10,633,980 00	*Nil*	3,080	48,000
Oak Bay	5,088,390 00	3,124,440 00	8,212,830 00	199,870 00	8,412,700 00	*Nil*	4,000	2,552
Peachland	298,355 00	223,070 00	521,425 00	13,885 00	535,310 00	50	600	3,520
Penticton	2,046,555 00	1,410,400 00	3,456,955 00	502,072 35	3,959,027 35	*Nil*	2,740	7,044
Pitt Meadows	1,111,848 00	280,555 00	1,392,403 00	3,250 00	1,395,653 00	50	300	14,000
Point Grey	19,415,282 39	9,493,675 00	28,908,957 39	485,421 50	29,394,378 89	*Nil*	9,800	12,000
Richmond	4,814,781 75	423,100 00	5,237,881 75	66,796 00	5,304,677 75	50	3,110	30,000
Saanich	10,861,967 00	4,575,070 00	15,437,037 00	.....	15,437,037 00	*Nil*	8,700	45,000
Salmon Arm	769,767 00	798,585 00	1,568,352 00	26,950 00	1,595,302 00	*Nil*	4,000	46,080
South Vancouver	15,328,525 10	8,977,413 00	24,305,938 10	1,776,902 41	26,082,840 51	33⅓	37,000	9,200
Spallumcheen	1,995,135 00	.....	1,995,135 00	20,000 00	2,015,135 00	*Nil*	3,000	65,000
Sumas	469,588 00	197,175 00	666,763 00	12,500 00	679,263 00	*Nil*	475	19,100
Summerland	1,284,945 00	1,344,675 00	2,629,620 00	.....	2,629,620 00	*Nil*	1,600	13,000
Surrey	4,038,307 00	1,534,050 00	5,572,357 00	.....	5,572,357 00	*Nil*	5,500	76,000
West Vancouver	3,150,045 00	.....	3,150,045 00	1,038,530 00	4,188,575 00	*Nil*	1,400	24,320
Totals	$119,668,798 24	$ 51,086,005 00	$170,754,803 24	$ 8,841,363 26	$179,596,166 50	...	123,660	888.738.46
Cities forward	246,335,573 00	130,272,220 00	376,607,793 00	30,653,809 07	407,261,602 07	...	251,320	56,470
Cities and districts..	$366,004,371 24	$181,358,225 00	$447,362,596 24	$39,495,173 33	$586,857,768 57	...	374,980	945,208.46

* That portion of 50 per cent. of the assessed value of improvements which exceeds $8,000.

II.—TAX LEVY, 1919.

CITIES.

Municipality.	General.	School.	Debt.	Health.	Total.
Alberni	15.0	4.5	10.5	...	30.0
Armstrong	12.1	8.4	2.5	...	23.0
Chilliwack	15.0	10.5	16.5	1.0	43.0
Courtenay	11.0	3.5	...	...	14.5
Cranbrook	11.8	11.7	15.5	...	39.0
Cumberland	15.0	13.0	...	...	28.0
Duncan	6.0	10.5	14.5	...	*31.0
Enderby	8.0	12.0	11.0	...	31.0
Fernie	16.18	17.13	5.71	...	39.02
Grand Forks	8.0	6.0	16.0	...	30.0
Greenwood	6.0	6.0	40.0	...	52.0
Kamloops	...	9.0	38.0	...	47.0
Kaslo	14.0	17.8	4.7	...	36.5
Kelowna	12.1	8.7	15.2	...	36.0
Ladysmith	12.0	10.0	5.0	...	27.0
Merritt	9.0	8.0	18.0	...	35.0
Nanaimo	11.0	11.90	17.10	...	40.0
Nelson	5.0	†15.0	17.50	...	37.50
New Westminster	2.30	11.60	18.10	...	32.0
North Vancouver	12.40	5.85	9.75	...	28.0
Phoenix	13.0	6.0	4.0	...	23.0
Port Alberni	13.3	2.8	17.5	...	33.6
Port Coquitlam	6.0	1.80	9.32	...	17.12
Port Moody	11.0	2.5	6.5	...	20.0
Prince George	‡7.0	4.25	12.75	1.0	25.0
Prince Rupert	5.59	4.16	4.0	...	13.75
Revelstoke	14.0	10.0	9.0	...	33.0
Rossland	4.0	9.0	22.0	1.0	36.0
Salmon Arm	7.5	6.5	15.0	...	29.0
Sandon	...	...	...	...	...
Slocan	15.0	9.0	9.0	...	33.0
Trail	15.0	9.6	7.4	1.0	33.0
Vancouver	11.7601	5.8589	9.0476	...	26.6666
Vernon	7.0	7.0	19.0	1.0	34.0
Victoria	7.60	7.60	10.75	0.90	26.85

* Additional general rate of 10 mills on 50 per cent. of value of improvements.
† Also rate of 20 mills on 10 per cent. of improvements for school purposes.
‡ Includes a special fire rate of 2 mills.

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DISTRICTS.

Municipality.	General.	School.	Debt.	Health.	Total.
Burnaby	*8.93 †(25.75)	6.05	9.02 †(16.20)	...	24.0
Chilliwhack	8.33	8.03	.....	...	16.36
Coldstream	10.50	2.0	9.7	...	22.2
Coquitlam	6.05 †(11.05)	2.25	3.57	...	11.87
Delta	6.0	2.0	2.75	...	10.75 †(21)
Esquimalt	13.0	5.0	.....	...	18.0
Fraser Mills	9.0	.....	.....	...	9.0
Kent	4.0 †(25)	5.0	.....	...	9.0
Langley	7.0 †(40)	7.0	.....	...	14.0
Maple Ridge	12.0 †(45)	4.5	.....	...	16.5
Matsqui	8.0 †(25)	4.5	.....	...	12.5
Mission	10.0	5.0	.....	...	15.0
North Cowichan	2.5	1.5	1.0	...	5.0
North Vancouver	10.0	3.40	7.20	...	20.60
Oak Bay	9.80	7.75	1.35	...	18.90
Peachland	12.0	12.0	3.0	...	27.0
Penticton	15.0	8.0	12.0	...	35.0
Pitt Meadows	5.5	1.2	.....	...	6.7 †(26.7)
Point Grey	‡6.32 †(16.32)	5.0	16.68	...	28.0
Richmond	10.0	3.50	4.50	...	18.0
Saanich	4.79	5.41	4.55	...	14.75
Salmon Arm	10.0	6.0	1.33	...	17.33 †(20)
South Vancouver	12.28 †(20.88)	11.76	16.46	0.90	41.40
Spallumcheen	5.50	4.50	0.75	...	10.75
Sumas	12.0	5.0	.....	...	17.0
Summerland	12.0	9.0	12.0	...	33.0
Surrey	11.0 †(25)	4.0	.....	...	15.0
West Vancouver	11.0	1.0	14.0	...	26.0

* Includes sewerage rates of 1.58 mills.
† Variations in rate as applied to wild land.
‡ General rate, Shaughnessy area, 8.32 mills.

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ts.	Total Debenture Debt.	Sundry Outstanding Debts exclusive of Shortage in Sinking Fund.*	Total Liabilities.
..	$ 70,130 00	$ 3,029 70	$ 73,159 70
..	148,915 61	.....	148,915 61
29	212,045 29	.....	212,045 29
..	20,000 00	1,930 24	21,930 24
..	346 805 00	17,708 20	364,513 20
30	9,659 30	3,090 87	12,750 17
00	138,100 00	1,961 70	140,061 70
00	94,500 00	4,400 00	98,900 00
39	425,134 39	75,323 13	500,457 52
..	166,800 00	.....	166,800 00
..	85,000 00	3,134 23	88,134 23
51	1,237,373 51	26,679 19	1,264,052 70
..	54,000 00	.....	54,000 00
00	428,309 00	4,561 94	432,870 94
00	96,477 00	3,243 95	99,720 95
..	103,000 00	4,317 60	107,317 60
87	1,042,524 87	60,788 64	1,103,313 51
19	732,742 19	15,930 21	748,672 40
84	5,873,425 84	†662,880 32	6,536,306 16
00	2,986,294 00	345,788 48	3,332,082 48
..	6,000 00	.....	6,000 00
..	236 500 00	2,120 59	238,620 59
..	426,500 00	86,840 55	513,340 55
00	173,300 00	‡30,294 80	203,594 80
..	198,000 00	28,578 35	226,578 35
43	1,641,492 17	9,357 10	1,650,849 27
02	718,502 51	37,000 00	755,502 51
..	166,000 00	2,743 27	168,743 27
..	137,000 00	1,834 61	138,834 61
..	5,400 00	.....	5,400 00
00	206,900 00	68,503 73	275,403 73
02	35,338 294 22	§4,699,557 29	40,037,851 51
28	882,763 28	13,975 00	896,738 28
46	18,756,724 26	‖3,007,816 43	21,764,540 69
50	$73,164,612 44	$9,223,390 12	$82,388,002 56

III.—LIABILITIES AS OF DECEMBER 31st, 1918.

Cities.

Municipality.	Debentures.								Total Debenture Debt.	Sundry Outstanding Debts exclusive of Shortage in Sinking Fund.*	Total Liabilities.
	Schools.	Streets and Bridges.	Other Non-revenue Producing.	Waterworks.	Electric Light.	Sewers (Revenue-producing).	Other Revenue-producing.	Local Improvements.			
Alberni	.....	.....	$ 8,000 00	$ 52,130 00	$ 10,000 00	.....	.....	.....	$ 70,130 00	$ 3,029 70	$ 73,159 70
Armstrong	$ 10,500 00	$ 12,815 61	5,350 00	41,000 00	79,250 00	.....	.....	.....	148,915 61	.....	148,915 61
Chilliwack	33,500 00	75,500 00	83,000 00	.....	.....	.....	.....	$ 20,045 29	212,045 29	.....	212,045 29
Courtenay	.....	.....	.....	.....	20,000 00	.....	.....	.....	20,000 00	1,930 24	21,930 24
Cranbrook	29,829 60	19,352 00	140,964 20	156,659 20	.....	.....	.....	.....	346,805 00	17,708 20	364,513 20
Cumberland	.....	.....	.....	.....	.....	.....	.....	9,659 30	9,659 30	3,090 87	12,750 17
Duncan	21,000 00	10,000 00	14,000 00	25,000 00	65,000 00	.....	.....	3,100 00	138,100 00	1,961 70	140,061 70
Enderby	27,500 00	2,500 00	21,500 00	24,500 00	.....	.....	.....	18,500 00	94,500 00	4,400 00	98,900 00
Fernie	52,000 00	15,000 00	93,500 00	119,000 00	74,000 00	$ 67,000 00	.....	4,634 39	425,134 39	75,323 13	500,457 52
Grand Forks	6,500 00	19,000 00	47,500 00	75,800 00	18,000 00	.....	.....	.....	166,800 00	.....	166,800 00
Greenwood	.....	25,500 00	21,400 00	38,100 00	.....	.....	.....	.....	85,000 00	3,134 23	88,134 23
Kamloops	63,500 00	15,000 00	122,500 00	329,000 00	220,500 00	.....	$345,000 00	141,873 51	1,237,373 51	26,679 19	1,264,052 70
Kaslo	15,500 00	6,000 00	.....	1,500 00	31,000 00	.....	.....	.....	54,000 00	.....	54,000 00
Kelowna	61,500 00	15,500 00	144,500 00	.....	.....	.....	155,500 00	51,309 00	428,309 00	4,561 94	432,870 94
Ladysmith	.....	.....	.....	.....	25,000 00	60,000 00	.....	11,477 00	96,477 00	3,243 95	99,720 95
Merritt	3,000 00	10,000 00	20,000 00	45,000 00	25,000 00	.....	.....	.....	103,000 00	4,317 60	107,317 60
Nanaimo	50,000 00	55,000 00	36,000 00	332,500 00	.....	230,000 00	.....	339,024 87	1,042,524 87	60,788 64	1,103,313 51
Nelson	75,000 00	40,000 00	50,000 00	52,500 00	315,000 00	42,500 00	131,000 00	26,742 19	732,742 19	15,930 21	748,672 40
New Westminster	389,000 00	1,264,000 00	1,734,000 00	916,500 00	206,000 00	.....	.....	1,363,925 84	5,873,425 84	†662,880 32	6,536,306 16
North Vancouver	415,730 00	246,500 00	604,669 00	494,000 00	.....	.....	238,000 00	987,395 00	2,986,294 00	345,788 48	3,332,082 48
Phoenix	.....	6,000 00	.....	.....	.....	.....	.....	.....	6,000 00	.....	6,000 00
Port Alberni	.....	20,000 00	6,500 00	170,000 00	40,000 00	.....	.....	.....	236,500 00	2,120 59	238,620 59
Port Coquitlam	35,000 00	237,500 00	54,000 00	100,000 00	.....	.....	.....	.....	426,500 00	86,840 55	513,340 55
Port Moody	.....	.....	43,000 00	80,000 00	.....	.....	.....	50,300 00	173,300 00	‡30,294 80	203,594 80
Prince George	.....	19,000 00	18,000 00	97,000 00	64,000 00	.....	.....	.....	198,000 00	28,578 35	226,578 35
Prince Rupert	20,000 00	.....	153,331 48	370,380 13	250,473 65	.....	33,748 48	813,558 43	1,641,492 17	9,357 10	1,650,849 27
Revelstoke	48,000 00	63,000 00	101,430 59	56,700 00	276,145 00	.....	.....	173,226 92	718,502 51	37,000 00	755,502 51
Rossland	30,000 00	52,500 00	52,000 00	31,500 00	.....	.....	.....	.....	166,000 00	2,743 27	168,743 27
Salmon Arm	1,500 00	.....	8,500 00	85,000 00	42,000 00	.....	.....	.....	137,000 00	1,834 61	138,834 61
Slocan	.....	.....	5,400 00	.....	.....	.....	.....	.....	5,400 00	.....	5,400 00
Trail	47,500 00	.....	4,000 00	98,900 00	.....	.....	.....	56,500 00	206,900 00	68,503 73	275,403 73
Vancouver	4,146,900 00	7,429,900 00	9,357,500 00	4,749,351 20	.....	.....	.....	9,654,643 02	35,338 294 22	§4,699,557 29	40,037,851 51
Vernon	47,500 00	80,300 00	102,000 00	240,000 00	189,000 00	.....	.....	223,963 28	882,763 28	13,975 00	896,738 28
Victoria	1,497,968 70	175,000 00	4,516,279 50	4,207,233 60	.....	.....	.....	8,360,242 46	18,756,724 26	‖3,007,816 43	21,764,540 69
Totals	$7,128,428 30	$9,914,867 61	$17,568,824 77	$12,989,254 13	$1,950,368 65	$399,500 00	$903,248 48	$22,310,120 50	$73,164,612 44	$9,223,390 12	$82,388,002 56

Districts.

Burnaby	$ 300,900 00	$1,270,350 00	.....	$ 652,900 00	.....	.....	.....	.....	$ 2,224,150 00	$ 359,042 97	$ 2,583,192 97
Chilliwhack	15,000 00	.....	.....	.....	.....	.....	.....	.....	15,000 00	4,000 00	19,000 00
Coldstream	.....	14,500 00	$ 1,200 00	120,000 00	.....	.....	.....	.....	135,700 00	1,363 96	137,063 96
Coquitlam	.....	82,500 00	.....	8,175 42	.....	.....	.....	.....	90,675 42	1,112 00	91,787 42
Delta	.....	.....	15,000 00	205,000 00	.....	.....	.....	$ 106,716 99	326,716 99	4,602 69	331,319 68
Esquimalt	27,500 00	.....	.....	.....	.....	$ 400,000 00	.....	.....	427,500 00	16,872 18	444,372 18
Kent	.....	.....	.....	.....	.....	.....	.....	.....	.....	116 65	116 65
Langley	.....	.....	.....	.....	.....	.....	.....	.....	.....	9,985 00	9,985 00
Maple Ridge	.....	.....	.....	.....	.....	.....	.....	.....	.....	679 70	679 70
Matsqui	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,080 28	4,080 28
Mission	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,900 10	2,900 10
North Cowichan	.....	35,000 00	.....	.....	.....	.....	.....	.....	35,000 00	.....	35,000 00
North Vancouver	62,000 00	507,243 00	411,757 00	194,725 00	.....	.....	.....	137,070 50	¶1,312,795 50	6,218 39	1,319,013 89
Oak Bay	60,000 00	.....	96,000 00	200,000 00	.....	425,000 00	.....	480,224 46	1,261,224 46	79,129 45	1,340,353 91
Peachland	1,000 00	.....	3,500 00	9,500 00	$ 15,300 00	.....	.....	5,200 00	34,500 00	4,512 12	39,012 12
Penticton	32,700 00	42,000 00	41,800 00	168,000 00	87,000 00	.....	$ 145,000 00	14,000 00	530,500 00	8,239 72	538,739 72
Pitt Meadows	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,932 21	1,932 21
Point Grey	410,031 66	1,987,935 15	1,896,859 27	1,446,998 40	.....	.....	.....	15,078 58	5,756,903 06	78,703 59	5,835,606 65
Richmond	28,000 00	305,200 00	.....	365,000 00	.....	.....	.....	81,521 50	779,721 50	25,626 45	805,347 95
Saanich	33,500 00	450,000 00	.....	408,500 00	.....	.....	.....	116,469 31	1,008,469 31	710 50	1,009,179 81
Salmon Arm	.....	.....	2,500 00	.....	.....	.....	.....	.....	2,500 00	565 00	3,065 00
South Vancouver	1,002,644 10	3,436,186 40	450,000 00	1,013,050 00	.....	.....	.....	784,284 71	6,686,165 21	1,405,097 70	8,091,262 91
Spallumcheen	.....	.....	17,750 00	.....	.....	.....	.....	66,526 00	84,276 00	713 23	84,989 23
Sumas	.....	.....	.....	.....	.....	.....	.....	.....	.....	800 00	800 00
Summerland	5,000 00	19,000 00	6,000 00	311,500 00	22,000 00	.....	.....	.....	363,500 00	11,130 15	374,630 15
Surrey	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,390 94	1,390 94
West Vancouver	38,200 00	431,000 00	40,000 00	125,000 00	.....	.....	146,000 00	.....	780,200 00	27,433 76	807,633 76
Totals	$2,016,475 76	$ 8,580,914 55	$ 2,982,366 27	$ 5,228,348 82	$ 124,300 00	$ 825,000 00	$ 291,000 00	$ 1,807,092 05	$21,855,497 45	$ 2,056,958 74	$ 23,912,456 19
Cities forward	7,128,428 30	9,914,867 61	17,568,824 77	12,989,254 13	1,950,368 65	399,500 00	903,248 48	21,310,120 50	73,164,612 44	9,223,390 12	82,388,002 56
Cities and districts	$9,144,904 06	$18,495,782 16	$20,551,191 04	$18,217,602 95	$2,074,668 65	$1,224,500 00	$1,194,248 48	$23,117,212 55	$95,020,109 89	$11,280,348 86	$106,300,458 75

* Does not include liability for moneys on hand held in trust. † Includes $500,000 treasury certificates against hypothecated debentures. ‡ Also contingent liability of $100,000, guarantee of bonds of Port Moody Steel Works. §Includes advance of $476,857.03, repayable upon sale of debentures. ‖ Includes treasury certificates, $2,271,000, secured by hypothecation of debentures. ¶ Includes Burrard Inlet T. & B. bonds, $256,907, unsold.

IV.—SINKING FUNDS AS OF DECEMBER 31ST, 1918.

The sinking fund investments as shown below are distributed as follows:—

Dominion of Canada bonds	$4,977,209 53
Mortgages	273,320 51
Debentures of the municipality	4,329,807 29

The amount invested during the year in bonds of the Dominion of Canada was $2,410,249.88.

I would point out the desirability of some action being taken to clear up the condition of the mortgage investments. These mortgages were all taken prior to 1914 and are past due. In many cases no interest has been paid for a considerable time and to a large extent they are a doubtful asset to the sinking funds.

In view of the fact that the "Municipal Act," which governs all municipalities except the City of Vancouver, does not permit of the investment by a municipality of its sinking funds in its own debentures, it must be noted that, of the amount of this class of investment as here shown, the sum of $3,458,680.66 is invested by the City of Vancouver.

Sinking Funds—Cities.

Municipality.	Cash.	Invested.	Total.	Sinking Fund required.	Short.	Over.
Alberni	$ 109 98	$ 14,084 10	$ 14,194 08	$ 16,831 01	$ 2,636 93	.....
Armstrong	4,660 17	20,242 85	24,903 02	43,496 63	18,593 61	.....
Chilliwack	184 38	10,370 60	10,554 98	26,590 44	16,035 46	.....
Courtenay	.....	300 00	300 00	803 06	503 06	.....
Cranbrook	197 68	35,810 30	36,007 98	35,974 51	.....	$ 33 47
Cumberland	3,043 89	.....	3,043 89	10,203 37	7,159 48	.....
Duncan	155 95	11,300 00	11,455 95	31,202 90	19,746 95	.....
Enderby	11 18	6,800 00	6,811 18	21,478 98	14,667 80	.....
Fernie	46,760 82	65,065 46	111,826 28	106,888 47	.....	4,937 81
Grand Forks	9,846 09	39,111 13	48,957 22	116,162 41	67,205 19	.....
Greenwood	1,371 00	17,400 00	18,771 00	62,189 00	43,418 00	.....
Kamloops	29,697 89	151,917 17	181,615 06	291,031 16	109,416 10	.....
Kaslo	91 30	10,927 64	11,018 94	11,018 94	.....	.....
Kelowna	15,421 30	21,300 00	36,721 30	90,972 56	54,251 26	.....
Ladysmith	222 33	25,000 00	25,222 33	27,979 96	2,757 63	.....
Merritt	.....	15,080 94	15,080 94	24,400 57	9,319 63	.....
Nanaimo	63,055 87	141,848 45	204,904 32	204,904 32	.....	.....
Nelson	3,421 12	278,510 47	281,931 59	368,672 10	86,740 51	.....
New Westminster	51,161 57	443,336 49	494,498 06	663,846 48	169,348 42	.....
North Vancouver	27 54	302,877 25	302,904 79	408,330 97	105,426 18	.....
Phoenix	3,299 50	.....	3,299 50	3,299 50	.....	.....
Port Alberni	540 65	31,312 71	31,853 36	31,234 42	.....	618 94
Port Coquitlam	16,512 72	2,883 00	19,395 72	56,294 02	36,898 30	.....
Port Moody	69 98	12,217 36	12,287 34	19,755 12	7,467 78	.....
Prince George	830 15	16,066 20	16,896 35	31,160 00	14,263 65	.....
Prince Rupert	6,414 18	22,600 00	29,014 18	29,014 18	.....	.....
Revelstoke	35,890 50	122,628 13	158,518 63	192,616 76	34,098 13	.....
Rossland	12,306 15	57,553 97	69,860 12	69,860 12	.....	.....
Salmon Arm	322 60	8,300 00	8,622 60	16,859 40	8,236 80	.....
Trail	5,040 35	17,724 26	22,764 61	22,764 61	.....	.....
Vancouver	334,567 25	4,998,572 81	5,333,140 06	7,098,941 61	1,765,801 55	.....
Vernon	20,573 34	66,625 00	87,198 34	223,787 74	136 589 40	.....
Victoria	1,076,414 92	1,140,654 25	2,217,069 17	4,199,417 29	1,982,348 12	.....
Totals	$1,742,222 35	$8,108,420 54	$9,850,642 89	$14,557,982 61	$4,712,929 94	$ 5,590 22

SINKING FUNDS—DISTRICTS.

Municipality.	Cash.	Invested.	Total.	Sinking Fund required.	Short.	Over.
Burnaby	$ 118,098 61	$ 40,946 57	$ 159,045 18	$ 184,386 13	$ *25,340 95	.....
Chilliwhack	294 62	5,300 00	5,594 62	5,594 62	.....	.....
Coldstream	1,421 37	27,200 00	28,621 37	28,621 37	.....	.....
Coquitlam	.....	10,175 00	10,175 00	10,175 00	.....	.....
Delta	9,296 97	27,000 00	36,296 97	45,803 80	9,506 83	.....
Esquimalt	1,429 36	31,772 52	33,201 88	32,154 29	.....	$ 1,047 59
North Cowichan	.....	1,275 51	1,275 51	1,275 51	.....	.....
North Vancouver	2,278 81	99,763 83	102,042 64	102,417 64	375 00	.....
Oak Bay	8,029 79	297,391 56	305,421 35	283,561 17	.....	21,860 18
Peachland	232 69	3,200 00	3,432 69	9,685 01	6,252 32	.....
Penticton	2,696 14	32,000 00	34,696 14	66,206 55	31,510 41	.....
Point Grey	5,842 03	400,108 36	405,950 39	418,200 39	†12,250 00	.....
Richmond	3,131 30	59,900 54	63,031 84	85,270 14	22,238 30	.....
Saanich	282 06	210,140 34	210,422 40	197,132 86	.....	13,289 54
Salmon Arm	110 03	250 00	360 03	356 49	.....	3 54
South Vancouver	2,000 81	172,250 00	174,250 81	508,970 47	334,719 66	.....
Spallumcheen	5,075 76	41,742 56	46,818 32	49,054 53	2,236 21	.....
Summerland	627 51	2,000 00	2,627 51	15,520 34	12,892 83	.....
West Vancouver	21,837 17	9,500 00	31,337 17	67,177 86	35,840 69	.....
Totals	$ 182,685 03	$1,471,916 79	$ 1,654,601 82	$ 2,111,564 17	$ 493,163 20	$36,200 85
Cities forward	1,742,222 35	8,108,420 54	9,850,642 89	14,557,982 61	4,712,929 94	5,590 22
Cities and districts	$1,924,907 38	$9,580,337 33	$11,505,244 71	$16,669,546 78	$5,206,093 14	$41,791 07

* Represented by mortgages foreclosed and unpaid interest.
† $12,250 represents mortgages foreclosed.

V.—ARREARS OF TAXES.

CITIES.

Properties taken over on tax sales and held by the municipalities represent arrears of taxes to the amount of $1,180,974.91.

Municipality.	1914.	1915.	1916.	1917.	1918.
Alberni	$ 17,060 08	$ 23,258 85	$ 32,431 80	$ 39,677 75	$ 53,737 50
Armstrong	9,863 12	13,574 60	16,553 32	18,733 44	18,404 24
Chilliwack	24,239 91	43,131 68	27,572 73	27,634 87	23,131 73
Courtenay	.....	3,231 49	7,004 24	8,082 36	9,412 56
Cranbrook	28,245 71	46,951 89	50,021 36	35,437 21	31,523 31
Cumberland	3,331 55	11,024 76	14,745 12	13,629 39	12,654 25
Duncan	4,399 10	6,608 76	10,545 67	12,019 04	11,998 44
Enderby	11,210 80	9,372 40	9,323 02	7,341 76	8,628 97
Fernie	21,363 20	44,286 43	50,946 07	25,948 00	65,741 07
Grand Forks	26,925 59	37,462 47	51,039 03	41,652 41	47,877 33
Greenwood	12,702 50	16,938 65	21,251 00	27,361 85	30,773 92
Kamloops	49,177 30	84,288 62	123,533 10	117,701 81	119,385 81
Kaslo	7,248 80	8,100 04	8,698 63	9,471 74	4,132 05
Kelowna	54,627 34	56,350 47	64,048 70	45,524 16	38,217 89
Ladysmith	6,331 45	15,234 35	22,213 10	23,739 25	18,544 60
Merritt	29,038 76	37,007 34	42,701 86	48,284 22	20,640 54
Nanaimo	47,343 70	85,795 60	119,868 41	145,099 81	163,150 87
Nelson	64,590 44	73,140 81	78,240 05	77,262 72	87,402 22
New Westminster	237,801 07	384,731 67	481,065 77	428,354 46	360,432 80
North Vancouver	256,943 22	363,707 73	439,054 32	511,244 67	570,896 88
Phoenix	3,037 00	3,277 75	3,516 56	4,366 94	6,275 86
Port Alberni	21,319 94	28,048 65	35,069 42	41,776 59	51,109 32
Port Coquitlam	118,219 33	132,866 96	144,719 31	172,223 26	201,267 75
Port Moody	19,266 46	44,196 52	42,309 45	57,067 98	75,045 55
Prince George	.....	40,803 09	97,685 91	145,558 29	170,697 27
Prince Rupert	149,428 67	177,524 17	117,380 10	204,040 65	196,250 18
Revelstoke	43,576 99	74,123 61	75,710 54	50,930 98	43,512 83
Rossland	17,924 09	14,926 25	16,104 20	19,242 90	22,934 85
Salmon Arm	12,123 50	11,488 08	16,266 24	11,032 07	11,923 10
Sandon	18,286 65	439 67	640 58	504 42	216 23
Slocan	4,052 31	5,283 51	6,392 56	7,290 39	5,449 02
Trail	3,283 41	3,018 81	4,727 00	4,690 32	10,168 01
Vancouver	1,863,985 08	3,137,423 73	4,219,211 33	5,043,110 92	5,456,453 11
Vernon	84,325 31	119,138 56	121,866 34	161,995 09	174,945 79
Victoria	708,503 55	1,688,983 31	2,332,377 85	3,057,619 84	3,428,632 54
Totals	$3,879,775 92	$6,845,741 28	$8,964,834 69	$10,642,651 56	$11,551,567 79

DISTRICTS.

Municipality.	1914.	1915.	1916.	1917.	1918.
Burnaby	$ 404,669 10	$ 556,647 42	$ 593,132 46	$ 564,593 43	$ 496,024 79
Chilliwhack	16,854 11	20,875 44	20,579 83	27,158 14	11,351 60
Coldstream	10,678 13	11,813 43	12,626 35	14,675 11	8,232 91
Coquitlam	47,744 19	37,783 19	44,886 05	54,644 32	88,735 33
Delta	18,722 26	15,929 80	24,223 91	16,182 46	15,857 18
Esquimalt	10,826 50	18,022 63	22,282 24	27,644 72	33,037 28
Fraser Mills	1 90	.....	.....	.....	.....
Kent	5,182 30	8,363 92	8,889 00	7,773 90	7,143 64
Langley	33,707 76	35,306 33	35,397 42	41,212 17	27,044 18
Maple Ridge	21,610 26	23,995 22	23,593 17	24,203 75	23,678 66
Matsqui	25,365 61	31,380 08	21,957 50	19,532 50	19,140 54
Mission	11,497 55	20,546 50	30,080 20	37,022 22	23,471 35
North Cowichan	10,427 05	15,273 90	18,205 22	15,031 97	20,016 72
North Vancouver	195,410 22	217,653 53	212,410 91	252,532 30	202,866 97
Oak Bay	60,132 49	110,684 27	156,376 09	131,482 78	123,037 28
Peachland	5,224 27	7,124 31	5,414 39	5,343 08	4,006 39
Penticton	38,892 85	44,441 66	46,938 42	55,757 78	43,412 05
Pitt Meadows	933 86	4,921 19	8,957 81	10,604 30	10,325 57
Point Grey	305,536 30	332,473 28	405,797 85	357,493 58	417,869 92
Richmond	65,978 50	83,210 25	94,109 12	79,789 41	69,477 19
Saanich	82,069 69	88,345 58	111,132 28	134,813 06	105,184 36
Salmon Arm	10,624 49	9,057 69	7,871 00	9,665 90	10,521 85
South Vancouver	553,740 13	581,252 54	718,297 58	888,244 34	1,113,877 42
Spallumcheen	25,663 49	36,957 90	38,872 06	38,656 80	39,340 14
Sumas	3,590 80	6,007 30	7,269 58	5,390 53	3,637 82
Summerland	16,361 89	19,878 32	22,539 15	20,449 64	20,154 33
Surrey	61,159 53	77,167 28	73,295 28	58,098 41	46,292 24
West Vancouver	71,849 27	105,521 70	125,807 94	139,479 44	95,911 15
Totals	$2,114,454 50	$2,520,634 66	$ 2,890,942 81	$ 3,037,476 04	$ 3,079,648 86
Cities forward	3,879,775 92	6,845,741 28	8,964,834 69	10,642,651 56	11,551,567 79
Cities and districts	$5,994,230 42	$9,366,375 94	$11,855,777 50	$13,680,127 60	$14,631,216 65

VI.—RECEIPTS.

CITIES.

Municipality.	Land-taxes received.	Trade Licences.	Road-taxes.	Dog-taxes.	Fines.	Government Grant for Schools.	Receipts from Public Utilities.	Sundry Receipts.	Total.
Alberni	$ 8,533 50	$ 268 00	$ 44 00	$ 45 00	.....	$ 1,416 00	$ 4,081 41	$ 279 88	$ 14,667 79
Armstrong	19,458 48	310 00	545 60	41 30	$ 130 00	7,722 55	17,616 91	5,228 38	51,053 22
Chilliwack	40,385 00	1,372 50	282 00	269 45	1,089 50	6,089 30	.....	8,269 57	57,757 32
Courtenay	10,450 75	575 00	100 00	80 00	190 00	2,342 70	2,982 01	319 28	17,039 74
Cranbrook	52,609 95	1,813 00	50 00	274 50	916 00	9,880 00	19,702 10	413 13	85,658 68
Cumberland	6,554 04	1,152 50	372 00	80 00	340 50	9,391 55	.....	711 41	18,602 00
Duncan	19,363 15	1,382 50	134 00	136 00	.....	5,106 40	12,333 00	2,052 52	40,507 57
Enderby	12,382 09	300 00	158 00	56 00	40 40	3,131 74	2,740 35	1,308 71	20,117 29
Fernie	32,340 66	3,492 50	756 00	370 50	7,327 25	12,589 20	45,576 80	30 75	102,483 66
Grand Forks	32,926 06	1,396 00	180 00	110 00	566 00	6,632 08	22,947 17	1,296 40	66,053 71
Greenwood	8,391 19	610 00	.....	8 00	.....	2,825 00	2,733 30	2,436 78	17,004 27
Kamloops	125,324 50	2,445 00	590 00	467 00	3,679 45	10,273 55	156,634 71	2,314 71	301,728 92
Kaslo	17,291 25	419 80	6 00	125 00	120 00	5,187 83	11,786 66	1,155 63	36,092 17
Kelowna	72,942 38	2,197 00	240 00	261 00	698 50	7,186 48	33,864 38	4,439 19	121,828 93
Ladysmith	14,955 25	920 00	318 00	144 00	665 00	8,856 90	12,412 60	9,926 50	48,198 25
Merritt	49,795 55	1,597 50	124 00	257 50	1,995 25	4,324 35	15,899 79	803 54	74,797 48
Nanaimo	118,071 21	4,497 00	2,040 00	474 00	3,583 45	17,062 40	32,225 79	2,685 50	180,639 35
Nelson	74,601 55	3,457 50	144 00	369 00	1,569 05	16,714 82	113,089 48	10,507 98	220,453 38
New Westminster	305,307 13	7,432 00	1,793 40	678 00	9,821 80	34,303 11	155,121 22	107,532 70	621,989 36
North Vancouver	289,561 69	1,434 50	.....	816 00	992 55	19,104 87	188,232 09	11,604 53	511,746 23
Phoenix	4,578 92	640 00	.....	16 00	159 50	3,531 25	.....	4,852 47	13,778 14
Port Alberni	23,136 42	545 00	558 00	112 00	639 35	2,354 83	12,139 16	533 22	40,017 98
Port Coquitlam	207,963 99	427 50	1,154 00	160 00	242 15	3,390 00	4,024 85	338 70	217,701 19
Port Moody	24,837 10	322 50	1,116 00	25 00	160 85	3,578 30	5,114 96	1,389 45	36,544 16
Prince George	44,546 58	1,873 00	42 00	136 00	871 45	2,825 00	11,846 18	764 00	62,904 21
Prince Rupert	205,839 31	6,070 00	1,422 00	425 00	4,929 40	9,056 65	99,171 51	10,841 71	337,755 58
Revelstoke	79,268 04	1,362 75	469 35	462 55	1,173 00	9,403 30	39,151 05	787 24	132,077 28
Rossland	28,640 82	2,030 25	635 80	167 82	713 75	8,796 65	11,901 18	15,145 00	68,031 27
Salmon Arm	16,994 54	741 25	12 00	68 00	32 50	2,260 00	7,303 67	1,141 61	28,553 57
Sandon	3,478 06	295 00	.....	73 00	115 00	1,008 13	.....	1,303 05	6,272 24
Slocan	3,602 98	65 00	.....	.....	.....	1,130 00	577 00	575 45	5,950 43
Trail	36,329 19	1,986 50	940 00	130 25	1,715 00	13,174 00	14,378 85	2,982 88	71,636 67
Vancouver	3,973,037 76	62,150 75	.....	2,861 25	88,725 52	209,841 00	455,382 28	280,453 93	5,072,452 49
Vernon	101,059 46	2,133 00	762 00	304 00	483 00	9,091 80	54,065 58	1,921 83	169,820 67
Victoria	1,739,429 10	23,687 00	7,022 00	4,421 00	12,073 70	78,199 95	204,715 06	114,255 85	2,183,803 66
Totals	$ 7,803,987 65	$141,401 80	$22,010 15	$14,424 12	$145,758 87	$547,781 69	$1,769,753 10	$610,603 48	$11,055,718 86

Districts.

Municipality.	Land-taxes received.	Trade Licences.	Road-taxes.	Dog-taxes.	Fines.	Government Grant for Schools.	Receipts from Public Utilities.	Sundry Receipts.	Total.
Burnaby	$ 287,765 55	$ 1,095 00	$ 580 00	$ 968 00	$ 2,750 40	$ 28,195 75	$ 24,502 18	$ 20,575 77	$ 363,432 65
Chilliwhack	51,542 38	500 00	218 96	.....	286 40	17,206 25	.....	667 69	70,421 68
Coldstream	27,918 32	.....	.....	.....	25 00	1,242 80	1,505 44	1,922 60	32,614 16
Coquitlam	24,885 54	283 50	681 50	.....	75 00	3,965 55	.....	689 95	30,581 04
Delta	69,954 29	452 50	1,050 00	107 00	338 20	10,580 28	7,980 78	3,926 13	94,389 18
Esquimalt	86,542 14	810 50	274 00	534 00	272 50	13,157 99	.....	2,222 22	103,813 35
Fraser Mills	399 27	70 50	.....	7 00	85 00	.....	.....	44 00	605 77
Kent	9,114 68	305 00	.....	.....	65 80	3,992 45	.....	590 30	14,068 23
Langley	44,616 22	387 50	1,690 60	.....	180 25	13,678 46	.....	3,517 17	64,070 20
Maple Ridge	28,460 57	255 00	944 00	.....	50 80	9,947 10	.....	1,372 52	41,029 99
Matsqui	30,163 32	230 00	924 00	.....	.....	10,825 40	.....	2,224 91	44,367 63
Mission	45,627 46	30 00	522 40	.....	13 50	9,583 95	.....	1,324 56	57,101 87
North Cowichan	23,009 34	435 00	1,870 00	382 00	181 35	4,872 00	.....	884 10	31,633 79
North Vancouver	208,750 50	300 00	1,034 75	372 50	1,403 54	8,226 45	7,887 11	5,448 19	233,423 04
Oak Bay	194,056 97	302 00	142 00	624 00	100 00	9,927 55	20,200 45	12,738 13	238,091 10
Peachland	8,894 14	53 00	.....	42 00	25 00	2,616 34	3,477 00	95 15	15,202 63
Penticton	81,408 54	2,135 50	94 00	284 00	449 22	9,280 00	43,317 96	2,406 87	139,376 09
Pitt Meadows	8,057 72	.....	126 00	.....	3 15	1,092 55	.....	50 75	9,330 17
Point Grey	468,731 24	100 00	533 30	731 00	1,353 75	23,750 95	27,642 93	21,215 67	544,058 84
Richmond	109,165 86	1,384 00	1,966 00	.....	2,279 41	11,479 00	19,827 84	13,071 38	159,173 49
Saanich	211,377 56	130 00	502 00	874 25	850 00	29,864 67	20,528 04	15,056 83	279,183 35
Salmon Arm	11,339 74	25 00	.....	.....	.....	4,330 80	.....	2,143 03	17,838 57
South Vancouver	546,617 63	2,009 50	656 00	1,613 00	2,711 00	83,186 34	77,194 59	35,803 73	749,791 79
Spallumcheen	28,887 36	55 00	76 40	.....	6 00	4,951 76	16 00	7,246 29	41,238 81
Sumas	10,009 59	.....	46 00	.....	.....	3,751 85	.....	229 69	14,037 13
Summerland	36,787 24	242 50	.....	156 50	.....	6,244 61	29,723 73	4,648 65	77,803 23
Surrey	71,007 22	450 00	1,236 27	262 15	1,617 50	15,283 99	.....	2,451 07	92,308 20
West Vancouver	67,099 82	7 50	.....	102 00	4 10	3,093 20	37,411 41	12,377 82	120,095 85
Totals	$ 2,789,190 21	$ 12,048 50	$15,168 18	$ 7,059 40	$ 15,126 87	$344,328 04	$ 321,215 46	$174,945 17	$ 3,679,081 83
Cities forward	7,803,987 65	141,401 80	22,010 15	14,424 12	145,758 87	547,781 69	1,769,753 10	610,603 48	11,055,718 86
Cities and districts	$10,593,177 86	$153,450 30	$37,178 33	$21,483 52	$160,885 74	$892,109 73	$2,090,968 56	$785,548 65	$14,734,800 69

LIBRARY
OF THE
UNIVERSITY OF ILLINOIS

on	Schools.
20	$ 2,362
00	17,934
49	21,916
40	4,827
49	29,736
00	12,614
05	14,442
00	10,500
15	42,914
35	18,572
06	6,106
37	28,969
58	10,614
33	25,734
15	15,167
33	9,687
01	42,951
72	49,059
45	138,047
35	80,335
00	6 587
40	5,323
81	11,221
31	9,846
45	10,469
41	35,674
32	29,221
81	23,968
88	6,341
.	1,700
.	2,249
05	34,795
03	1,047,732
33	30,716
59	362,079
17	$2,200,426

Cities.

Municipality.	Interest on Debentures exclusive of Schools and Public Utilities.	Sinking Fund for Debentures exclusive of Schools and Public Utilities.	Roads and Streets.	Street-lighting.	Parks.	Sewers.	Fire Protection.	Public Health.	Administration of Justice.	Schools.	Interest on Temporary Loans.	Donations and Grants.	Council Salaries.	Salaries and Office Expenses.	Public Utilities, including Interest and Sinking Fund.	Sundry Expenditures.	Total.
Alberni	$ 480 00	$ 300 75	$ 213 19	$ 228 00	.....	.....	$ 1 80	$ 93 50	$ 620 20	$ 2,362 05	$ 208 84	.....	.....	$ 2,177 81	$ 8,011 93	$ 133 80	$ 14,771 87
Armstrong	1,108 24	956 09	589 72	2,000 00	$ 136 50	.....	.....	114 34	828 00	17,934 28	182 72	$ 1,060 40	.....	5,215 52	18,014 28	151 00	48,291 09
Chilliwack	9,970 78	4,549 60	2,819 65	1,506 90	.....	$ 1,041 99	1,499 80	544 87	2,072 49	21,916 25	601 36	460 00	$ 700 00	4,062 31	.....	546 50	52,292 50
Courtenay	.....	.....	2,898 72	780 29	.....	.....	69 45	155 05	1,137 40	4,827 88	119 53	299 50	.....	1,318 69	3,903 65	236 66	15,746 82
Cranbrook	8,368 75	4,052 76	4,618 16	2,284 08	.....	661 85	7,195 65	1,438 79	5,037 49	29,736 98	496 14	510 10	.....	6,784 66	18,227 07	361 52	89,774 00
Cumberland	676 15	1,783 37	.....	574 40	.....	.....	.....	224 75	34 00	12,614 04	119 35	.....	.....	3,264 37	.....	1,268 90	20,559 33
Duncan	1,556 00	1,790 31	1,843 35	1,900 00	.....	.....	332 49	71 75	197 05	14,442 14	142 82	402 60	575 00	2,423 79	16,785 20	834 53	43,297 03
Enderby	2,549 92	1,551 52	644 59	774 97	19 02	116 99	.....	141 20	618 90	10,500 82	145 60	676 55	.....	2,320 55	3,200 55	1,430 94	24,692 12
Fernie	8,293 28	4,997 06	9,964 86	3,500 18	110 88	1,675 38	6,427 53	9,084 41	9,626 15	42,914 53	2,943 48	946 65	705 00	5,520 13	39,217 95	76 89	146,004 36
Grand Forks	4,550 00	3,048 17	1,852 51	.....	241 75	.....	1,177 92	303 02	2,151 35	18,572 00	311 56	190 00	1,251 25	4,140 69	22,478 17	137 85	60,406 24
Greenwood	3,054 00	2,394 79	347 75	630 00	.....	.....	338 34	.....	330 06	6,106 02	578 20	.....	.....	1,706 08	4,305 48	189 75	19,980 47
Kamloops	14,753 68	13,632 22	17,901 79	.....	2,882 00	121 39	10,925 62	2,271 10	8,007 37	28,969 81	422 53	7,682 21	1,850 00	8,126 73	192,381 54	9,160 58	319,088 57
Kaslo	360 23	523 40	2,149 50	1,200 00	.....	.....	373 75	177 46	536 58	10,614 99	56 50	412 11	.....	1,884 78	10,496 42	105 69	28,891 41
Kelowna	11,424 78	6,665 00	5,942 07	1,564 85	2,449 48	2,660 26	4,033 66	350 90	3,167 33	25,734 93	1,488 16	1,249 07	1,100 00	6,160 84	36,323 28	1,265 71	111,580 32
Ladysmith	4,288 55	2,262 85	1,315 72	2,400 00	.....	3,745 26	394 35	298 82	103 45	15,167 39	115 25	210 00	711 75	6,311 98	12,104 84	1,518 47	50,948 68
Merritt	1,500 00	1,616 63	614 40	5,387 98	1,077 98	.....	96 15	406 24	1,928 33	9,687 51	845 95	340 20	.....	1,905 13	17,481 37	.....	42,887 87
Nanaimo	32,788 16	20,619 36	11,526 94	4,867 00	42 79	1,486 27	5,011 32	2,760 91	6,167 91	42,951 85	2,108 17	2,859 02	2,325 00	8,505 67	30,231 67	2,151 08	176,463 12
Nelson	9,581 79	12,189 03	10,144 59	7,000 00	899 62	495 20	9,570 62	8,217 88	5,771 72	49,059 78	183 11	1,435 90	1,200 00	9,652 22	99,178 51	6,975 98	231,555 95
New Westminster	211,378 90	67,401 07	44,500 70	3,208 86	6,076 45	.....	37,376 55	15,832 05	19,620 45	138,017 77	11,437 35	16,517 62	4,800 00	39,796 17	123,704 39	27,656 46	767,354 79
North Vancouver	70,345 79	30,667 07	23,880 09	6,720 59	4,128 87	304 37	12,836 48	4,258 35	10,247 35	80,335 51	19,155 51	2,363 00	3,000 00	22,958 19	216,905 61	3,796 70	511,903 48
Phoenix	360 00	.....	1,018 06	.....	.....	.....	116 00	105 00	1,816 00	6 587 89	.....	120 52	.....	1,538 75	.....	1,478 05	13,140 27
Port Alberni	1,473 10	1,742 63	3,936 78	2,800 00	.....	.....	246 05	1,597 30	1,606 40	5,323 92	420 03	250 00	741 00	2,542 20	24,523 81	80 50	47,283 72
Port Coquitlam	15,990 00	7,123 55	3,817 78	1,585 50	.....	.....	487 46	1,378 20	1,259 81	11,221 49	242 56	44 70	2,618 00	7,654 76	19,442 62	2,442 26	66,308 69
Port Moody	5,598 00	4,152 80	8,170 50	.....	.....	.....	776 62	335 67	2,037 61	9,816 60	1,384 78	191 00	.....	3,655 78	7,084 47	1,685 63	44,919 46
Prince George	2,220 00	3,225 01	165 74	800 00	.....	.....	3,515 88	497 41	3,677 45	10,469 07	2,445 13	300 00	2,687 05	6,410 62	29,406 87	5,855 88	71,676 11
Prince Rupert	60,256 12	17,314 97	22,249 33	7,335 77	40 00	1,961 34	13,338 68	6,088 20	10,862 41	35,674 66	.....	6,966 26	3,825 00	20,146 62	114,964 45	20,130 56	341,154 37
Revelstoke	15,719 56	10,219 56	3,902 97	227 86	14 94	433 88	2,647 77	214 26	5,030 32	29,221 78	2,993 78	1,459 78	500 00	4,381 64	46,349 89	186 94	123,504 93
Rossland	5,370 00	5,962 02	4,579 63	1,963 05	.....	.....	5,582 74	1,686 13	3,348 81	23,968 72	110 08	680 63	776 00	3,429 15	8,059 64	6,270 92	71,787 52
Salmon Arm	510 00	741 47	792 74	1,308 00	.....	.....	431 95	7 70	106 88	6,341 52	215 33	1,014 45	.....	4,708 57	14,487 75	792 22	31,458 58
Sandon	.....	.....	842 48	.....	.....	.....	.....	.....	.....	1,700 08	.....	575 00	.....	3,058 48	.....	298 50	6,474 54
Slocan	.....	600 00	54 38	.....	.....	.....	.....	.....	.....	2,249 72	.....	.....	.....	829 91	1,094 85	1,040 49	5,869 35
Trail	240 00	956 02	9,495 84	502 80	27 00	1,222 36	878 57	6,417 65	4,091 95	34,795 42	975 20	500 00	1,200 00	6,531 88	15,344 54	678 57	83,857 80
Vancouver	1,120,492 45	782,672 43	425,745 90	83,461 55	60,391 61	97,825 82	274,241 94	47,323 90	325,730 03	1,047,732 52	262,742 20	175,057 05	13,600 00	140,366 11	377,407 02	211,194 43	5,445,984 99
Vernon	20,637 26	14,988 35	5,662 30	7,500 00	283 99	2,079 87	3,813 47	3,372 76	3,402 83	30,716 44	2,422 65	3,188 37	.....	6,329 06	58,159 15	5,091 91	167,648 41
Victoria	472,280 04	564,626 92	144,196 96	43,210 98	19,919 71	22,646 39	132,748 67	48,274 13	74,027 69	362,079 85	40,000 49	19,483 69	7,000 00	71,465 53	247,926 30	166,189 31	2,436,076 66
Totals	$2,118,175 53	$1,595,326 78	$778,399 69	$197,223 61	$98,742 62	$138,478 62	$536,487 28	$164,043 70	$515,201 77	$2,200,426 21	$355,614 36	$247,446 38	$51,165 05	$427,285 37	$1,828,263 27	$481,415 18	$11,733,635 42

Districts.

Burnaby	$ 66,521 00	$ 29,054 00	$ 60,527 95	$ 8,033 94	.....	$ 20,736 84	.....	$ 756 57	$ 11,599 29	$ 90,891 51	$ 18,654 53	$ 3,347 50	$ 2,800 00	$ 29,458 85	$ 71,175 77	$ 9,106 44	$ 422,664 19
Chilliwhack	.....	.....	13,634 42	.....	.....	.....	$ 70 00	.....	2,005 86	37,206 31	1,102 73	1,358 76	1,000 00	1,612 49	.....	7,517 36	65,507 93
Coldstream	848 50	1,307 66	5,798 27	.....	.....	.....	.....	.....	114 50	2,981 05	551 64	41 50	.....	2,741 11	10,655 23	81 65	25,121 11
Coquitlam	4,200 00	2,487 63	2,765 03	.....	.....	.....	.....	.....	1,689 01	7,006 52	.....	135 00	.....	.....	.....	.....	18,283 19
Delta	6,273 35	12,994 38	33,535 30	396 00	.....	.....	.....	5,362 70	1,345 25	24,104 71	1,037 94	587 30	100 00	4,805 91	19,908 47	4,281 12	114,732 43
Esquimalt	20,000 00	3,546 20	19,634 47	1,279 56	.....	3,172 15	1,279 97	1,172 00	3,915 37	33,777 73	1,578 55	705 00	1,500 00	5,263 34	.....	1,673 25	98,497 59
Fraser Mills	.....	.....	.....	.....	.....	.....	.....	.....	172 50	325 00	.....	.....	.....	38 50	.....	.....	536 00
Kent	.....	.....	3,587 02	.....	.....	.....	.....	54 00	190 95	7,854 78	35 84	1,550 00	300 00	597 79	.....	181 65	14,352 03
Langley	.....	.....	26,080 11	.....	.....	.....	.....	176 50	702 25	23,950 51	863 50	634 00	1,700 00	4,934 24	.....	4,747 89	63,789 00
Maple Ridge	.....	.....	14,415 68	339 75	.....	.....	.....	1,037 45	1,040 00	20,061 64	63 25	1,310 40	825 00	1,745 83	.....	2,234 82	43,073 82
Matsqui	.....	.....	19,103 06	.....	.....	.....	.....	75 00	148 67	20,122 48	481 41	987 00	1,500 00	2,587 46	.....	1,088 97	46,094 05
Mission	.....	.....	11,837 81	.....	.....	.....	.....	.....	87 45	17,979 70	365 74	200 00	850 00	2,053 05	.....	3,429 20	36,802 95
North Cowichan	1,750 00	1,375 00	9,227 56	.....	.....	.....	.....	.....	1,780 51	10,018 79	.....	600 00	745 70	3,601 82	.....	519 98	29,619 36
North Vancouver	61,193 52	12,931 20	14,484 68	3,502 23	$ 647 79	.....	400 06	724 35	6,910 52	28,558 01	733 89	1,825 00	2,300 00	16,126 71	19,458 90	11,660 14	181,457 00
Oak Bay	53,914 31	42,751 53	9,718 88	1,076 56	4,166 39	3,627 89	2,182 00	5,907 83	5,584 71	34,289 78	7,197 63	653 35	.....	11,242 97	21,919 93	8,671 46	212,905 22
Peachland	472 00	299 26	914 08	.....	.....	.....	50 00	98 50	45 80	5,232 11	203 72	.....	.....	988 57	3,539 06	22 60	11,865 70
Penticton	5,210 00	3,483 09	5,388 03	4,663 00	149 85	.....	3,469 61	487 05	2,879 20	23,137 73	1,520 24	516 91	1,350 00	5,191 97	47,687 73	5,524 12	110,658 53
Pitt Meadows	.....	.....	1,214 77	.....	.....	.....	.....	50 00	283 15	2,140 63	276 22	100 00	246 00	1,310 65	.....	88 72	5,710 14
Point Grey	216,623 13	38,391 28	64,757 96	14,938 49	571 99	18,900 71	21,409 86	10,496 61	14,367 83	101,590 10	9,178 61	3,896 90	3,100 00	25,397 43	87,705 11	9,234 80	640,560 81
Richmond	17,267 29	3,754 49	28,422 18	.....	.....	.....	.....	1,131 25	5,241 86	26,921 00	820 26	1,125 00	2,500 00	1,129 55	24,053 56	16,919 01	132,282 75
Saanich	29,229 93	24,888 28	30,783 00	2,349 27	1,000 00	.....	2,349 27	3,474 58	4,570 99	71,910 99	1,144 00	6,574 65	1,000 00	15,752 29	44,150 83	13,264 01	252,442 09
Salmon Arm	150 00	83 95	3,849 36	.....	.....	.....	.....	.....	6 00	7,089 24	188 10	1,256 30	562 50	2,626 41	.....	2,978 03	18,789 89
South Vancouver	221,086 68	61,201 00	34,743 13	20,660 54	205 82	21,021 90	19,493 41	5,356 81	15,694 25	278,308 58	82,459 66	6,551 35	1,366 66	34,051 01	106,754 88	39,603 25	948,558 93
Spallumcheen	4,669 57	3,898 30	6,284 68	.....	.....	.....	.....	30 00	53 00	12,263 86	334 11	1,715 00	600 00	2,353 04	227 85	7,552 55	39,981 96
Sumas	.....	.....	3,871 58	.....	.....	.....	.....	125 00	.....	6,319 33	35 90	100 00	729 15	977 25	.....	504 70	12,662 91
Summerland	1,250 00	839 52	2,854 85	545 00	.....	.....	.....	52 80	300 00	15,419 35	418 05	1,050 00	550 00	1,819 45	41,419 40	697 78	67,216 20
Surrey	.....	.....	44,673 06	20 00	.....	.....	.....	.....	4,577 12	33,651 09	951 13	200 00	2,050 00	11,334 04	.....	5,375 67	102,832 11
West Vancouver	21,352 24	4,664 39	15,770 18	114 25	250 12	.....	.....	.....	.....	10,879 39	1,535 97	315 00	2,100 00	.....	59,082 28	.....	116,063 82
Totals	$ 732,011 52	$ 247,951 16	$ 487,877 40	$ 57,918 59	$ 6,991 96	$ 67,459 49	$ 50,704 18	$ 36,569 00	$ 85,306 04	$ 953,991 92	$131,738 62	$ 37,335 92	$29,775 01	$192,732 73	$ 557,739 00	$156,959 17	$ 3,833,062 07
Cities forward	2,118,175 53	1,595,326 78	778,399 69	197,223 61	98,742 62	138,478 62	536,487 28	164,043 70	515,201 77	2,200,426 21	355,614 36	247,446 38	51,165 05	427,285 37	1,828,263 27	481,415 18	11,733,635 42
Cities and districts	$2,850,187 05	$1,843,277 94	$1,266,277 09	$255,142 20	$105,734 58	$205,938 11	$587,191 46	$200,612 70	$600,507 81	$3,154,418 13	$487,352 98	$284,782 30	$80,940 06	$620,018 10	$2,385,942 27	$638,374 35	$15,566,697 49

VIII.—TOTAL LEVY OF TAXES FOR ALL PURPOSES, 1918.

CITIES.		DISTRICTS.	
Alberni	$ 20,348 85	Burnaby	$ 383,191 12
Armstrong	18,427 50	Chilliwhack	48,831 18
Chilliwack	37,465 35	Coldstream	20,018 53
Courtenay	11,780 95	Coquitlam	29,450 00
Cranbrook	49,703 60	Delta	69,629 01
Cumberland	5,578 90	Esquimalt	72,915 17
Duncan	21,265 54	Fraser Mills	399 27
Enderby	13,435 85	Kent	5,819 78
Fernie	68,789 66	Langley	30,448 23
Grand Forks	38,692 74	Maple Ridge	17,551 60
Greenwood	11,803 26	Matsqui	34,250 00
Kamloops	121,211 62	Mission	25,794 30
Kaslo	11,951 56	North Cowichan	18,271 19
Kelowna	59,089 19	North Vancouver	148,372 52
Ladysmith	9,760 00	Oak Bay	173,631 00
Merritt	23,176 74	Peachland	7,149 33
Nanaimo	143,909 29	Penticton	64,753 44
Nelson	92,850 72	Pitt Meadows	6,947 38
New Westminster	502,144 10	Point Grey	532,984 73
North Vancouver	349,319 75	Richmond	98,853 64
Phoenix	6,461 48	Saanich	202,366 69
Port Alberni	38,814 43	Salmon Arm	10,669 79
Port Coquitlam	65,959 47	South Vancouver	772,250 71
Port Moody	37,932 55	Spallumcheen	28,587 09
Prince George	67,176 39	Sumas	9,978 72
Prince Rupert	213,780 96	Summerland	35,604 60
Revelstoke	71,038 28	Surrey	59,201 05
Rossland	32,332 77	West Vancouver	75,863 61
Salmon Arm	19,555 28		
Sandon	3,189 77	Total	$ 2,983,783 68
Slocan	1,761 61	Cities forward	8,704,341 26
Trail	41,741 08		
Vancouver	4,386,379 95	Cities and districts	$11,688,124 94
Vernon	114,808 61		
Victoria	1,992,703 46		
Total	$ 8,704,341 26		

IX.—COMPARATIVE STATEMENT OF MONEYS COLLECTED FROM PRINCIPAL SOURCES OF REVENUE, 1914-18.

	1914.	1915.	1916.	1917.	1918.
Taxes	$8,698,819 73	$8,639,020 63	$8,461,513 83	$9,340,932 90	$10,593,177 86
Trade licences	163,919 85	158,510 20	145,939 90	158,731 75	153,450 30
Liquor licences	221,300 00	214,051 00	288,070 00	153,204 33	.....
Government grant to schools	760,000 99	790,001 16	748,848 07	824,259 72	892,109 73
Fines and costs	130,568 40	95,497 51	83,885 73	104,150 51	160,885 74

X.—COMPARATIVE STATEMENT OF EXPENDITURES ON STREETS, FIRE, ADMINISTRATION OF JUSTICE, PUBLIC HEALTH, AND COUNCIL SALARIES, 1914-18.

	1914.	1915.	1916.	1917.	1918.
Streets	$5,323,970 48	$2,444,368 70	$1,445,660 72	$1,350,198 45	$1,266,277 09
Fire	769,772 90	604,149 62	569,745 77	545,744 64	587,191 46
Administration of justice	803,361 73	681,660 19	570,943 46	562,158 66	600,507 81
Public health	246,977 52	207,494 80	170,850 73	166,343 50	200,612 70
Council salaries	92,556 38	82,616 96	77,353 91	80,869 04	80,940 06
Schools	2,693,645 19	2,661,051 65	2,680,265 77	2,902,801 83	3,154,418 13

XI.—FINANCIAL STATEMENT OF PUBLIC UTILITIES.

ELECTRIC LIGHT—CITIES.

Municipality.	Estimated Value of Plant.	Cost of Maintenance and Operation.	Interest and Sinking Fund.	Total Cost.	Total Revenue.	Profit.	Loss.
Alberni	$ 9,596 69	$ 1,066 56	$ 972 17	$ 2,038 73	$ 1,475 09	.....	$ 563 64
Armstrong	76,819 09	7,305 36	5,572 80	12,878 16	12,476 67	.....	401 49
Courtenay	19,754 41	1,959 33	1,944 32	3,903 65	2,982 01	.....	921 64
Duncan	65,000 00	5,130 46	5,460 78	10,591 24	7,891 00	.....	2,700 24
Fernie	63,811 60	20,898 16	5,235 60	26,133 76	27,768 47	$ 1,634 71	.....
Grand Forks	23,500 00	7,373 31	1,631 85	9,005 16	13,888 11	4,882 95	.....
Kamloops	210,535 17	76,258 94	18,741 47	95,000 41	86,062 06	.....	8,938 35
Kaslo	28,121 24	4,326 18	2,574 84	6,901 02	8,362 33	1,461 31	.....
Ladysmith	19,500 00	10,169 14	1,935 70	12,104 84	12,412 60	307 76	.....
Nelson	343,651 92	28,938 99	26,759 65	54,798 64	56,166 28	1,367 64	.....
New Westminster	216,329 40	37,190 46	13,174 88	50,365 34	72,003 81	21,638 47	.....
Port Alberni	48,419 36	5,762 21	4,398 28	10,160 49	7,525 80	.....	2,634 69
Prince George	74,064 04	6,023 89	7,372 34	13,396 23	7,762 17	.....	5,634 06
Salmon Arm	36,226 10	3,798 64	3,402 72	7,201 36	4,409 65	.....	2,791 71
Vernon	150,461 24	18,815 46	16,862 95	35,678 41	35,739 58	61 17	.....
Totals	$1,385,790 26	$234,117 09	$116,040 35	$ 350,157 44	$ 356,925 63	$ 31,354 01	$ 24,585 82

ELECTRIC LIGHT—DISTRICTS.

Peachland	$ 14,988 93	$ 1,370 85	$ 1,208 18	$ 2 579 03	$ 2,768 65	$ 189 62	.....
Penticton	81,191 69	12,450 66	7,090 91	19,541 57	16,858 45	.....	$ 2,683 12
Summerland	23,339 78	3,871 56	1,354 19	5,225 75	4,692 67	.....	533 08
Totals	$ 119,520 40	$ 17,693 07	$ 9,653 28	$ 27,346 35	$ 24,319 77	$ 189 62	$ 3,216 20
Cities forward	1,385,790 26	234,117 09	116,040 35	350,157 44	356,925 63	31,354 01	24,585 82
Cities and districts	$1,505,310 66	$251,810 16	$125,693 63	$ 377,503 79	$ 381,245 40	$ 31,543 63	$ 27,802 02

Waterworks—Cities.

Municipality.	Estimated Value of Plant.	Cost of Maintenance and Operation.	Interest and Sinking Fund.	Total Cost.	Total Revenue.	Profit.	Loss.
Alberni	$ 52,205 04	$ 167 55	$ 5,805 65	$ 5,973 20	$ 2,606 32	.....	$ 3,366 88
Armstrong	40,214 24	2,103 48	3,032 64	5,136 12	5,140 24	$ 4 12	.....
Cranbrook	182,418 64	1,916 35	16,310 72	18,227 07	19,702 10	1,475 03	.....
Duncan	25,000 00	4,093 66	2,100 30	6,193 96	4,442 00	.....	1,751 96
Enderby	21,700 68	1,271 91	1,928 64	3,200 55	2,740 35	.....	460 20
Fernie	114,335 27	4,640 37	8,443 82	13,084 19	17,808 33	4,724 14	.....
Grand Forks	57,000 00	6,326 51	7,146 50	13,473 01	9,059 06	.....	4,413 95
Greenwood	31,535 22	480 98	3,824 50	4,305 48	2,733 30	.....	1,572 18
Kamloops	297,812 53	27,142 62	26,135 99	53,278 61	32,984 90	.....	20,293 71
Kaslo	18,703 38	3,374 55	220 85	3,595 40	3,424 33	.....	171 07
Nanaimo	387,451 21	8,450 75	21,780 92	30,231 67	32,225 79	1,994 12	.....
Nelson	52,179 20	2,652 10	4,570 20	7,222 30	30,481 33	23,259 03	.....
New Westminster	572,077 50	14,266 41	59,072 64	73,339 05	83,117 41	9,778 36	.....
North Vancouver	613,990 86	7,398 21	26,856 01	34,254 22	19,422 08	.....	14,832 14
Port Alberni	157,438 75	2,109 82	12,253 50	14,363 32	4,613 36	.....	9,749 96
Port Coquitlam	43,500 00	3,659 61	6,783 01	10,442 62	4,024 85	.....	6,417 77
Port Moody	64,949 07	602 93	6,481 54	7,084 47	5,114 96	.....	1,969 51
Prince George	85,116 27	4,766 97	11,243 67	16,010 64	4,084 01	.....	11,926 63
Rossland	48,000 00	1,202 05	6,857 59	8,059 64	11,901 18	3,841 54	.....
Salmon Arm	58,412 51	399 75	6,886 64	7,286 39	2,894 02	.....	4,392 37
Slocan	5,312 22	1,094 85	.....	1,094 85	577 00	.....	517 85
Trail	104,064 95	5,391 41	9,953 13	15,344 54	14,378 85	.....	965 69
Vancouver	5,122,475 72	132,356 88	245,050 14	377,407 02	455,382 28	77,975 26	.....
Vernon	209,546 10	4,317 45	18,163 29	22,480 74	18,326 00	.....	4,154 74
Victoria	3,316,425 73	45,462 18	202,464 12	247,926 30	204,715 06	.....	43,211 24
Totals	$11,681,865 09	$285,649 35	$ 713,366 01	$ 999,015 36	$ 991,899 11	$123,051 60	$130,167 85

WATERWORKS—DISTRICTS.

Municipality.	Estimated Value of Plant.	Cost of Maintenance and Operation.	Interest and Sinking Fund.	Total Cost.	Total Revenue.	Profit.	Loss.
Burnaby	$ 694,203 17	$ 24,668 05	$ 46,507 72	$ 71,175 77	$ 24,502 18	.....	$ 46,673 59
Coldstream	113,114 12	2,515 67	8,139 56	10,655 23	1,505 44	.....	9,149 79
Delta	200,743 91	7,988 52	11,919 95	19,908 47	7,980 78	.....	11,927 69
North Vancouver	165,239 29	6,847 40	12,611 50	19,458 90	7,887 11	.....	11,571 79
Oak Bay	178,528 41	9,573 06	12,346 87	21,919 93	20,200 45	.....	1,719 48
Peachland	8,649 07	149 10	810 93	960 03	708 35	.....	251 68
Penticton	154,258 04	1,552 78	11,713 13	13,265 91	13,891 16	$ 625 25	.....
Point Grey	1,470,026 67	7,999 06	79,706 05	87,705 11	27,642 93	.....	60,062 18
Richmond	366,484 97	5,778 81	18,274 75	24,053 56	19,827 84	.....	4,225 72
Saanich	399,543 19	11,461 21	32,689 62	44,150 83	20,528 04	.....	23,622 79
South Vancouver	963,245 40	52,757 45	53,997 43	106,754 88	77,194 59	.....	29,560 29
Spallumcheen	43,094 38	227 85	.....	227 85	16 00	.....	211 85
West Vancouver	124,093 86	3,091 93	9,886 67	12,978 60	3,286 86	.....	9,691 74
Totals	$ 4,881,224 48	$134,610 89	$ 298,604 18	$ 433,215 07	$ 225,171 73	$ 625 25	$208,668 59
Cities forward	11,681,865 09	285,649 35	713,366 01	999,015 36	991,899 11	123,051 60	130,167 85
Cities and districts	$16,563,089 57	$420,260 24	$1,011,970 19	$1,432,230 43	$1,217,070 84	$123,676 85	$338,836 44

Municipality.	Estimated Value of Plant.	Cost of Maintenance and Operation.	Interest and Sinking Fund.	Total Cost.	Total Revenue.	Profit.	Loss.
Water and Light.							
Kelowna	$104,576 54	$ 24,201 41	$ 12,121 87	$ 36,323 28	$ 33,864 38	.....	$ 2,458 90
Merritt	60,999 53	11,810 00	5,671 37	17,481 37	15,899 79	.....	1,581 58
Prince Rupert	713,525 67	41,522 89	50,631 41	92,154 30	72,977 51	.....	19,176 79
Revelstoke	283,000 00	18,785 59	27,564 30	46,349 89	39,151 05	.....	7,198 84
Gas.							
Nelson	50,000 00	11,799 08	3,381 68	15,180 76	11,156 41	.....	4,024 35
Irrigation System.							
Penticton	90,442 36	8,446 94	6,433 31	14,880 25	12,568 35	.....	2,311 90
Irrigation and Domestic Water.							
Summerland	286,202 59	14,539 26	21,654 39	36,193 65	25,031 06	.....	11,162 59
Hydro-electric System.							
Kamloops	348,378 01	12,914 40	31,188 12	44,102 52	37,587 75	.....	6,514 77
Ferries.							
North Vancouver	280,265 02	165,132 53	17,518 86	182,651 39	168,810 01	.....	13,841 38
West Vancouver	59,268 31	33,820 70	12,282 98	46,103 68	34,124 55	.....	11,979 13
Street Railway.							
Nelson	88,935 32	14,748 11	7,228 70	21,976 81	15,285 46	.....	6,691 35
Telephone System.							
Prince Rupert	31,201 66	17,375 43	5,434 72	22,810 15	26,194 00	$3,383 85	.....
Totals	$2,396,795 01	$375,096 34	$201,111 71	$576,208 05	$492,650 32	$3,383 85	$86,941 58

VICTORIA, B.C.:
Printed by WILLIAM H. CULLIN, Printer to the King's Most Excellent Majesty,
1920.

PROVINCE OF BRITISH COLUMBIA

ANNUAL REPORT

OF

THE DEPARTMENT OF RAILWAYS

FOR THE

YEAR ENDING DECEMBER 31ST

1919

PRINTED BY
AUTHORITY OF THE LEGISLATIVE ASSEMBLY.

VICTORIA, B.C.:
Printed by WILLIAM H. CULLIN, Printer to the King's Most Excellent Majesty.
1920.

To Colonel the Honourable EDWARD GAWLER PRIOR,

A Member of the King's Privy Council for Canada,

Lieutenant-Governor of the Province of British Columbia.

MAY IT PLEASE YOUR HONOUR:

I have the honour to present herewith the Annual Report of the operations and activities of the Railway Department of the Government of British Columbia for the year ending December 31st, 1919.

JOHN OLIVER,

Minister of Railways.

Victoria, B.C., January 14th, 1920.

Report of Department of Railways.

VICTORIA, B.C., December 31st, 1919.

Hon. John Oliver,
Minister of Railways, Victoria, B.C.

SIR,—I have the honour to submit a report dealing with the principal activities of the Railway Department during the year ending December 31st, 1919.

The staff of the Department consists of Chief Engineer, Assistant Engineer, Chief Inspector of Rolling-stock and Equipment, Assistant Inspector, clerk, and two stenographers.

In addition to railways proper, the Department has control over the Songhees terminal improvement-works and the maintenance and operation of the combined railway and highway bridge over the Fraser River at New Westminster, with its railway and highway approaches and connections.

The principal activities are set forth in the pages following.

CANADIAN NATIONAL RAILWAY TERMINALS.

Construction of the Canadian National terminals has been proceeded with during the year at Vancouver, Port Mann, New Westminster, and Victoria, and estimates have been approved by the Department for payment in accordance with the provisions of section 7 of the "Canadian Northern Pacific Railway Terminals Act, 1917," from January to November, inclusive, as under:—

January	$ 20,424 63
February	40,251 76
March	35,734 12
April	13,625 84
May	27,355 78
June	19,699 49
July	11,386 70
August	39,003 82
September	45,509 45
October	50,024 89
November	37,724 18
Total	$340,740 66

Vancouver terminal opened for public business on November 1st, 1919. During this year the construction of the terminals at Victoria has been commenced, the operations being confined at present to a small area north of the Point Ellice Bridge. The construction programme now under way on this area consists of grading the necessary yard-tracks and the erection of a five-stall engine-house, machine-shop, coaling-station, turntable, and a temporary station and freight-shed.

The position of the terminals is as follows:—

	Estimated Total Cost of each Terminal.	Proportion of Estimated Cost.	Total Cash Available each Terminal.	Proportion of Total Work now Done.	Amount now earned.	Retensions.	Amount payable.
Vancouver	$4,308,455 10	0.4713	$4,262,353 21	0.7775	$3,313,979 46	$24,167 86	$3,289,811 60
New Westminster	2,202,601 50	0.24095	2,179,113 97	0.83633	1,822,458 41	83,507 69	1,738,950 72
Port Mann	1,213,424 62	0.13275	1,200,570 16	0.97881	1,175,129 92	.....	1,175,129 92
Steveston	353,988 89	0.0387	349,996 73	0.8197	286,892 54	.....	286,892 54
Patricia Bay	209,908 29	0.0230	208,008 39	0.9846	204,804 68	.....	204,804 68
Victoria	853,125 00	0.0933	843,790 66	0.0404	34,089 14	2,855 44	31,233 70
Totals	$9,141,503 40	1.00000	$9,043,843 12	.....	$6,837,354 15	$110,530,99	$6,726,823 16

CANADIAN NORTHERN PACIFIC CONSTRUCTION.

(*a.*) *On Vancouver Island.*—Track has been laid as far as the crossing of the Koksilah River, 52.5 miles from Victoria towards Barkley Sound. It is expected that the bridge across this river will be completed by the middle of February, 1920, when it is the railway company's intention to continue further track-laying, surfacing, ballasting, and bridge-building during the year.

(*b.*) *Kamloops-Vernon Line.*—There are under construction 116.5 miles of line between Kamloops and Kelowna, and a branch from Vernon to Lumby of fifteen miles, by contract entered into with a firm of contractors under the name of J. W. Stewart & Company. This distance is practically all cleared and 62 per cent. of the grading quantities completed. The bridging will be commenced in the spring and will be easily finished next season. It is contemplated to obtain running rights over the Canadian Pacific Railway tracks for a distance of twelve miles between Kamloops and Ducks, and for a distance of about thirteen miles between Armstrong and a point just east of Vernon. Pending negotiations to this end, no work is being done on these sections.

No construction estimates covering this work have as yet been filed in this Department, nor has any release of funds from the guaranteed securities been asked for.

WESTMINSTER BRIDGE.

In addition to the usual maintenance and repair-work carried out during the year to maintain the bridge and its approaches in a high state of efficiency, special work has been done as follows: Renewal of 80-lb. rails on Great Northern Railway section of spread span and ballasting track from Great Northern Railway depot east. In July *a contract was let for reflooring south highway approach of bridge*, about 900 feet in length, and the old 4-inch planking was replaced by 2- x 4-inch No. 1 fir timbers, laid with an edge-grain surface and treated with a coat of hot tar upon which sand was sprinkled. The approach was also widened near the top end by straightening out a sharp angle on down-stream side, and the entire work completed in October. During progress of this contract it was found advisable to close the bridge to traffic between 11 p.m. and 6 a.m.

A crew of painters worked steadily on the steelwork during summer months, and at the same time tests were made of a new painting-machine, with such satisfactory results that the machine was purchased, complete with truck and compressor. From the tests made it is estimated that, in addition to a reduced paint-consumption, the machine will cover the entire steelwork in one season, whereas under existing conditions only the worst places can be attended to from year to year.

During October a careful examination of the south trestle substructure, carrying railway and highway approaches, was made, and the northerly section, comprising thirty-two bents beneath railway and thirty-two bents beneath highway (480 feet), was condemned. *Tenders for rebuilding substructure were called for and the contract awarded to the T. R. Nickson Construction Company* in November. At the same time a contract was awarded to Cox & Verge for building a sidewalk, supported on steel brackets and timber, along the up-stream side of bridge, to accommodate foot-passengers, which the steady increase in motor traffic has rendered absolutely necessary for public safety. During the summer a tally was taken from 9 to 9 and showed as many as sixty-five motor-cars crossing the bridge in one hour.

The railway traffic across the bridge during the year 1919 is shown in the statement submitted.

The unsatisfactory condition as to signal-protection on the east approach, south end, referred to in last year's report, still exists. The Canadian National Railways, however, have started the construction of their line into New Westminster, and, as this will necessitate an extension in interlocking, the unsatisfactory condition above referred to will be dealt with this year in connection with the additional protection required on account of this Canadian National construction programme.

The railroad traffic across the bridge for the year 1919 was as follows:—

	Passenger.		Freight.		Mixed.	
	Trains.	Cars.	Trains.	Cars.	Trains.	Cars.
Great Northern Railway Company	2,362	17,135	796	21,839	299	1,661
Canadian Northern Pacific	1,177	6,550	1,333	21,282	1,306	4,046
B.C. Electric Railway	3,181	7,502	2,131	14,899	721	2,147*
Canadian Pacific Railway	.....	.....	.....	4,613	.....	.....
Chicago, Milwaukee, & St. Paul	.....	.....	.....	61	.....	.....
Northern Pacific Railway	.....	.....	.....	94	.....	.....
Totals	6,720	32,187	4,260	62,788	2,326	7,854

* Dairy cars.

SONGHEES RESERVE.

This is also under the control of the Department of Railways and has been utilized during the year as shipyards. Since September, 1918, twenty-three wooden ships have been built and launched and two 8,000-ton steel ships are now in course of construction.

SONGHEES TERMINALS, VICTORIA.

No work has been carried out this year in further development of the above terminal lands.

In addition to an area of 3.16 acres leased to the Cholberg Ship Company at a monthly rental of $100, a further area of land amounting to 8.60 acres has been leased to the Harbour Marine Company for a two-way shipyard at a monthly rental of $275. This area adjoins the Cholberg area and lies to the east thereof, extending along the harbour-front a distance of about 1,000 feet and embracing all the land between said water-front and the Esquimalt & Nanaimo Railway Company's property.

JOHNSON STREET BRIDGE.

A by-law for the borrowing of $420,000 for the purpose of constructing the Johnson Street Bridge is to be submitted to the electorate for its endorsation on January 15th.

The estimated cost of the construction of this bridge is $720,000, of which amount the city will contribute the sum of $420,000, the Provincial Government $200,000, and the Esquimalt & Nanaimo Railway Company $100,000. The railway company agrees to pay one-third of maintenance and operating expenses, the city to assume the other two-thirds. The bridge provides for one line of trackage for the Esquimalt & Nanaimo Railway Company and two lines for the city's portion of the bridge.

EQUIPMENT INSPECTION.

During the year a large amount of new work has been added in connection with the above owing to the amendments to the "Railway Act" having brought railways not subject to the jurisdiction of the Dominion under the jurisdiction of this Department. This new work includes, besides the inspection of locomotive boilers, previously under the Boiler Inspector's Department, the examination of locomotive engineers.

A great deal of work had to be done and much investigation made before a satisfactory standardized set of rules and regulations covering the operation and inspection of equipment of these railways could be adopted.

A general set of locomotive rules was also drawn up, embracing the construction, inspection, and testing of locomotive boilers and their appurtenances, covering very fully the requirements of a locomotive, including the registering of boiler design, affidavits, yearly inspection reports, and monthly wash-out reports. A large amount of the Inspector's time is given in instructing to the end that all locomotives comply with these rules. Some of the most important work required is the internal and external inspection of the boilers and the drilling of tell-tale holes to detect broken stay-bolts. With reference to the drilling of these tell-tale holes in the stay-bolts, it has been found in the course of inspection-work that locomotives *have been operating* having as many as thirty broken stay-bolts.

A very rigid inspection of new locomotives coming to the Province is required. That this is extremely necessary, it may be cited that there has already been an instance where in a new locomotive it was necessary to have all the stay-bolts drilled out and new and larger ones applied, which meant the renewing of 440 stay-bolts.

Inspections are made and instructions given by the Department in air-brake equipment; some of the locomotives under jurisdiction are not yet equipped with air.

Close attention is given to the inspection of cars and their equipment, especially with respect to the equipping with automatic couplers and air-brakes.

There are several logging and mining railways still using link and pin couplers and hand-brakes, and some operating even with no brakes at all.

The Department is enforcing the rules and regulations respecting safety appliance standards on all new equipment entering the Province.

Before a certificate is granted to a locomotive engineer, he is required to pass an examination on the operation of a locomotive and its equipment and on standard railway signals. These standard railway signals are being printed in card form and will be forwarded to the railway companies for the instruction of their employees, as it has been found on investigation that a great variety of signals is being given. The adoption of proper standard railway signals and a faithful observance of the same will help greatly in eliminating accidents.

At the present time there are seventy-five industrial and common carrier railways under the jurisdiction of the Department, covering approximately 1,000 miles of line and equipped with 170 steam locomotives, thirty-two electric locomotives, and 4,000 cars and miscellaneous equipment. This does not include the railways of the British Columbia Electric Company (interurban and street) or the Nelson Street Railway.

In order that these railways may comply with the rules and regulations of the Department, much educational instruction is given, and it is the intention, when inspecting these railways, to devote as much time as possible to employees and to those in authority, to the end of obtaining strict observance of the rules, which observance will promote very materially the safety and efficiency of the lines.

Since April fifty-three locomotive boilers have been given a hydrostatic test, 150 preliminary examinations have been made, seventy locomotive engineers have been examined and granted certificates, and there are on file fifty more applicants to be examined.

PACIFIC GREAT EASTERN RAILWAY.

OPERATED SECTION.

In addition to the regular maintenance-of-way work, carried out by the section crews and bridge and building crews, necessary to maintain the road-bed in good operating condition and the bridges and buildings in good state of repairs, an extra gang of an average strength of about twenty men built 1,100 feet of cribbing of an average height of 15 feet at Miles 53.5 and 65.0, Squamish Division; cleaned slopes at Mile 15.5, Squamish Division; and cuts north and south of Mackinnon, Lillooet Division; and resurfaced 34.2 miles of track on the Squamish Division, from Mile 2 to Mile 14 and Mile 54 to Mile 76.7.

This gang also lined out track for 4,000 feet a distance of 8 feet from bank at Mile 54, Squamish Division, and put in 13,000 new ties in addition to 8,000 ties put in the track by the regular section crews.

Special work was also carried out as follows:—

(1.) River-protection Work.

(*a.*) *North Shore Division.*—On Capilano Creek four wing-dams have been constructed at very moderate expense, consisting of flexible log cribs filled in with brush and boulders. The result has been quite satisfactory in diverting the force of flood-flow from weak spots along the west bank and building up a gravel-bar protection where erosion was steadily undermining and eating into the river-flats.

On the east bank a crib was built to help to remove the gravel-bar blocking the channel of east Howe-truss span, and it had already cut out a considerable portion of same when the sudden floods of November 23rd swept it away. The east abutment of the bridge has been protected by laying a double brush mattress up-stream along the toe of river-bank to connect with the crib above mentioned, which has been rebuilt.

Capilano River control.

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Wreckage, Cheakamus Canyon Bridge.

Cheakamus Canyon Bridge.

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Capilano Creek is a very difficult stream to handle, heading in the mountains not far from its mouth and flowing over a bed of glacial drift formation. It is subject to sudden floods, which carry drift down-stream with terrific hydraulic force, including trees about 100 feet in length.

Constant study and watchfulness is necessary to safeguard any structure spanning the stream, but since the erection of the present bridge during the summer of 1918 the system of protection used has so far been completely successful in confining the flood-discharge within safety limits.

(*b.*) *Main Line Division.*—Along the main line more extensive work of a similar nature was carried out on the Birkenhead River, which had proved a constant source of trouble to the grade between Owl Creek and D'Arcy since the railway started to operate.

Crib-work has been completed at Miles 63, 65, 70, 71, 83, 84, and 85, amounting to about 1,700 lineal feet, and, in addition at Mile 85 the channel has been deepened and a brush and gravel diversion-dam constructed. These cribs are all built on rock and brush foundations in the form of a mat extending well out from the crib on both sides. On this was laid two outside logs, joined so as to be flexible; then rock and brush to the top of the same, and a cross-pole floor then laid, on which the crib was built. The whole structure was loosely built, being held from coming apart by wires running in various directions through same.

In addition to the above protection-work, an examination of the river showed that the original channel was blocked by an extensive collection of driftwood logs, roots, etc., which had been piling up for years past at Mile 70, diverting the full force of the stream against the grade and forming a new channel along the toe of same. The work of removing this log-jam was successfully carried out and the river turned back into its original channel, which is some distance from the railway-grade.

All the Birkenhead River protection-work withstood the test of heavy floods successfully soon after completion last June, and the cost was kept within economical limits by using all the material on the site of the work.

(2.) Special Bridge-work.

(a.) North Shore Division.—Floods had undermined the following bridges, which were repaired: At Hollyburn, extra bent at west end; at Cypress Creek, two centre piers raised and renewed; west of Eagle Harbour, centre pier foundation repaired; Nelson Creek, west pier raised and wing protection carried out; at Mile 11.5, nose of pier raised and protection against scour put in.

(*b.*) *Main Line Division.*—On September 27th a forest fire totally destroyed bridge at Mile 19.1, north of Squamish. This bridge was a deck Howe-truss span of 130 feet on framed towers, with trestle approach at each end across the canyon of the Cheakamus River.

In a little over twenty-four hours it was possible to transfer passengers by throwing a foot-bridge across the river and grading approaches at each end to the same. By October 4th a spur track had been put in, accommodating the outfit-cars and plant needed in the reconstruction-work; a 700-foot pipe-line across the canyon was laid, and oil for engine service on the line north of the canyon was being pumped through it; and an overhead transfer line for baggage and light express had been established. On November 8th the first train passed over the new bridge. A service to take care of passengers, mail, express, baggage, and a certain amount of freight was maintained during the whole period of reconstruction by means of the foot-bridge and aerial travellers previously referred to, and in this connection it may be noted that it required one hour and fifty minutes to transfer a 10,000-gallon tank-car and about four hours for a car of way freight. The transferring of freight was done at night.

To clear the wreckage of the destroyed bridge and to build a complete new structure in an awkward and confined position such as the canyon of the Cheakamus in the short space of six weeks in a bad time of the year reflects great credit on all employed in the reconstruction. This result would not have been obtained had it not been for the prompt arrival from all points of the necessary bridge material, and the fact that there was excellent team-work on the part of the railway company and the construction forces.

(3.) Fencing.

About ten miles of new fencing was erected, principally north of East Lillooet and between East Lillooet and Kelly Lake.

(4.) Water-supply Stations and Siphons.

Two siphons at Fountain Indian Reserve, north of East Lillooet, were erected to take care of irrigation, and the pumping-stations at Pemberton and D'Arcy were replaced by gravity-supply systems.

(5.) Extra Work at Tunnel No. 3, Mile 18, North of Squamish.

On November 30th this tunnel became blocked through a cave-in of the roof. The tunnel lies between two faults, the west or river side of the tunnel being coincident with the west fault. The second fault lies a few feet to the east of and parallel to the tunnel. The two faults incline toward each other, being only about 15 feet apart on the ground surface above the tunnel. The material between the faults has at some time been subjected to a great crushing force, destroying its solidarity. For approximately one-third of the tunnel-length at each end timbering was resorted to, the middle third being unsupported in apparently solid rock.

It was in this middle section that the first and second falls of the roof took place, the break being along the westerly fault and extending from about the centre of the tunnel to the timbering at the south end. The timbering at this point soon showed signs of distress, indicating that the whole mass above was in motion. In order to save the remainder of the timbering at this end of the tunnel, the first six sets of arch-frames, nearest the point of cave-in, being badly buckled and crushed and threatening to come down at any minute, were shot out, the whole mass of disintegrated rock above coming down with them.

The extra gang, B. and B. gang, and two section gangs were immediately brought to the scene and organized into a night and day shift, and the work of clearing the debris begun with push-cars until the arrival of a steam-shovel at the north end and the crane at the south end. The work was in a confined and dangerous place and necessarily somewhat slow, but the tunnel was cleared for traffic by the afternoon of December 5th. It is very doubtful if any cave-in would have occurred had the tunnel been completely lined at the time it was built.

Although traffic is operating through this tunnel, the south portal is unstable and the remaining portion of the unlined rock section cannot be depended on. On account of this condition orders have been issued to remove entirely the material now being supported by the timbered section at the south end. This timbering will then be removed and this portion of the tunnel made into an open cutting. The south portal will then be moved farther north and the remaining portion of the rock section widened and timbered. This will give a completely lined tunnel, safe while the timbering lasts.

(6.) Special Surveys.

A survey and investigation by the regular staff was made in connection with the possibility of irrigating the railway company's lands at East Lillooet by carrying water from Cayush Creek.

(7.) Special Examinations.

A special and very thorough inspection of all the bridges (166 in number) between Chasm Station and Squamish was carried out for the purpose of framing a programme to take care of the necessary bridge repairs for 1920.

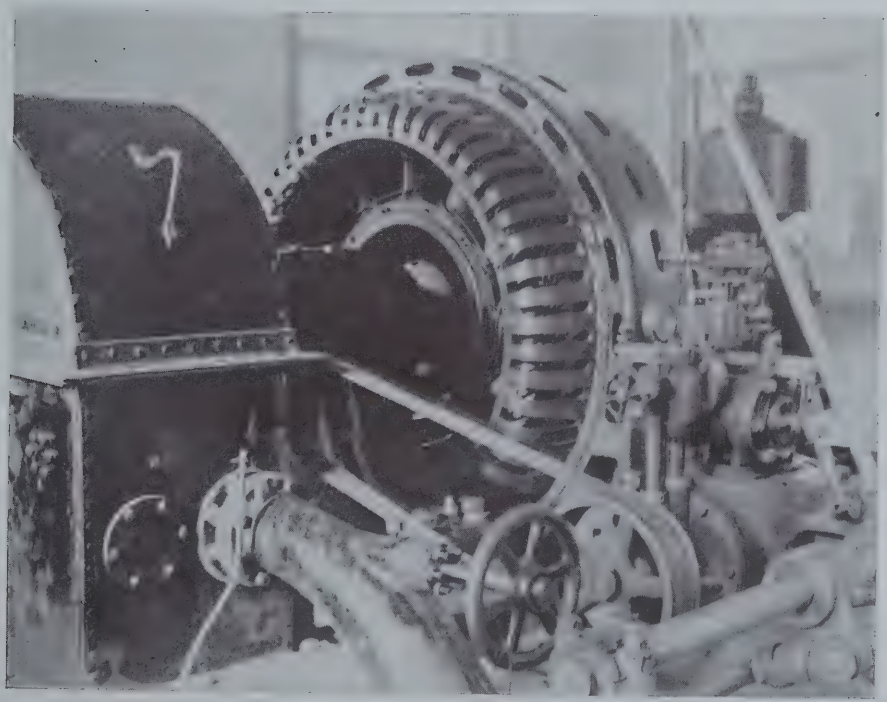
CONSTRUCTION.

(1.) Squamish Hydro-electric.

The town of Squamish, being the southern terminal of the Pacific Great Eastern Railway, at the head of Howe Sound, and the site of the railway terminal repair-shops, is very largely inhabited by railway employees, while the company is a very large property-owner, both in the townsite itself and the surrounding district. These facts, in addition to the necessity of obtaining a permanent source of power for the shops, probably influenced the former directors of the company towards the development of a power project to develop 500 horse-power on Monmouth Creek, three miles west of Squamish, across the Squamish River. Plans were completed, the machinery and pipe for the penstock were purchased and delivered on the site, and construction was on the point of commencing, when on September 6th, 1915, orders were issued to discontinue work.

The supply of water for domestic purposes in the town was not contemplated under this project, for the reason that the Newport Water Company, Limited, had in 1913 obtained a licence

Tunnel, Mile 19, Squamish Division.



Squamish Hydro-electric.

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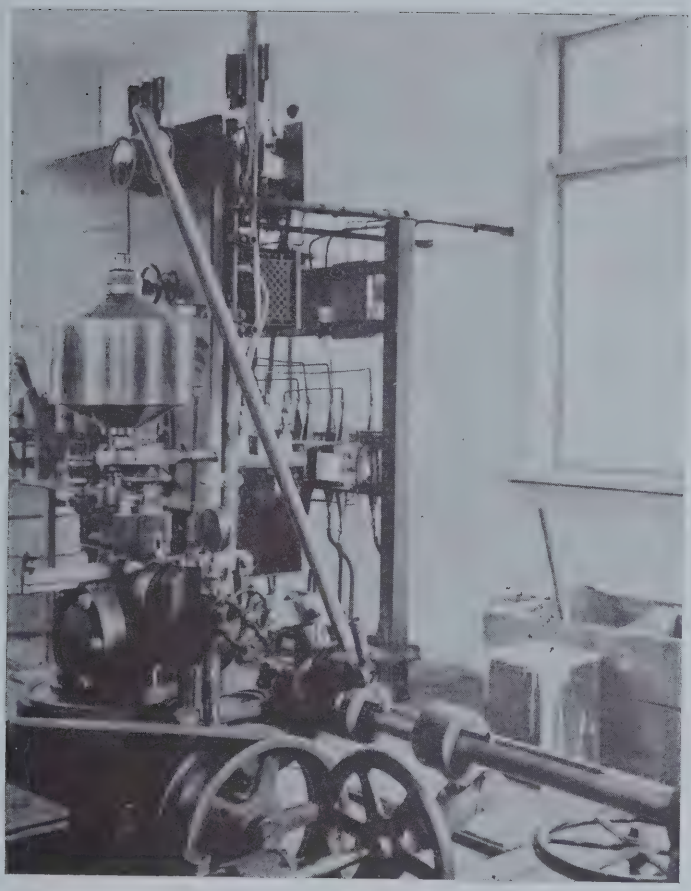

Squamish Hydro-electric.

Dam, Squamish Hydro-electric.

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to divert and use for domestic purposes 3 second-feet of water from the Stawamus River, a stream east of the town, undertaking to install suitable headworks, a pipe-line, and distribution system to give a good supply to the town. This company had laid down a distribution system, but had taken water from a temporary source in a small stream known as the Little Stawamus, pumping water from the stream to a tank at an elevation of about 175 feet above the town. This supply was most unsatisfactory and gave a lot of trouble, owing to the engine or pump frequently breaking down at awkward times and to the difficulty of making ends meet financially. The water company, owing to the business depression and financial stress caused by the war, was unable to complete its project, and finally put it up to the residents of the town to run the system as best they could, paying a nominal rental to the owners.

In the meantime the Provincial Government took over the interests of the Pacific Great Eastern Railway Company, whereupon the residents of Squamish renewed their application that the Government take steps either to force the water company to complete their undertaking and provide a gravity supply, or itself, through the railway company, install a system. These representations finally resulted in the purchase by the railway company of all the property of the Newport Water Company for a sum of $14,256.29, *being the actual cost of construction of such works as they had completed.* Investigations were simultaneously instituted with a view to discovering the best method of utilizing and improving the property thus obtained, and it was finally decided to apply for additional water for power purposes and make the plant a combined one, developing electric current for the purposes of the original Monmouth Creek project—viz., light for the town and light and power for the railroad-shops, using the machinery purchased for that purpose—and also developing a gravity water-supply and improving the distribution system. The date of the transfer above noted was December 14th, 1918. Surveys were immediately commenced to decide on the possibilities of the power side of the project, and it was found that there was a practical possibility of developing about 300 horse-power under the imposed conditions, and that the machinery in store could be adapted and practically all the pipe purchased for the penstock of the Monmouth Creek project used in the new pipe-line. Plans were drawn up and tenders called for on the unit basis, as there was not sufficient time available for completely detailing the work and obtaining lump-sum bids. The contract was let to Robertson and Partners, Limited, of Vancouver, the lowest tenderers, on April 14th, 1919, and work commenced immediately. The gravity water-supply to the town was first turned on on September 23rd and continuously maintained thereafter.

Meanwhile, installation of the electrical machinery was proceeding, and on November 25th current was generated for the first real test and everything found satisfactory. A slight alteration in the drip-shield of the water-wheel was found to be advisable, however, and this was completed and the plant operated under service conditions on December 18th, 1919.

Design.—The chief factors influencing the design in its general features were the facts that the machinery purchased for the Monmouth Creek development by the company in 1915 had to be used, with as little alteration as possible, and that the works and existing right-of-way of the Newport Water Company had to be incorporated in the scheme. Little time was available for investigations or surveys of the watershed; all that was possible was to estimate as well as possible the probable extreme flood-discharge from the area as shown on existing maps and from the known average rainfall (which was taken as about 50 inches per annum), and to obtain what records were available as to minimum flow, which latter showed an extreme low-water flow of 8 cubic feet per second. The total length of the pipe-line from dam to power-house is 10,900 feet.

The Dam.—The construction chosen for the dam is what is known as timber-crib construction in part, with a length of 56 feet of log wall backed by a slope of heavy boulders laid in concrete. It was sited about 175 feet farther up-stream than the site chosen by the Newport Water Company, for the sake of using a small island in the river as a central buttress for the structure. It was also considered necessary to provide very ample spillway-room on account of the extreme flood conditions expected, which fact also had weight in the selection of the site. The spillway was made 60 feet long and at an elevation of 7 feet below the crest of the main dam. It was calculated that an extreme flood would cause a flow of 4 feet over the spillway, which calculation was proved substantially correct when a very sudden and heavy flood occurred in the latter part of November. In spite of the severity of the test on new and untried work, no damage was done to the structure by this flood.

Forebay.—The forebay is a simple tank, 8 x 24 feet, with a normal depth of water of 6 feet 6 inches.

Pipe-line.—Wood-stave pipe was used for nearly the entire line, varying in size from 20 inches at the forebay to 16 inches at the connection with the steel pipe (14 inches diameter) which was obtained as part of the original outfit. The highest static head on the wood-stave portion of the line is 330 feet.

Power-house.—The power-house is a simple frame structure, 20 x 24 feet, but well built, as is necessary for housing the electrical machinery. It was found necessary to drive piles to support both the building and the machinery, as it is located on the bank of the river on a sand and silt deposit, and it was feared that the vibration would cause trouble.

The generator is a Canadian General Electric 3-phase, 60-cycle, alternating-current dynamo, designed for 400 kilowatt output at 4,200 volts. The water-wheel is direct-connected (single overhung) and is governed by deflectors operated by a Pelton type oil-pressure governing machine. The hydraulic conditions being entirely different from the original scheme, it was, of course, necessary to change the water-wheel runner. Offers were received from the Pelton Company and from the McKinnon Water-wheel and Power Company for making the changes, the latter being a British Columbia concern. The price quoted by the British Columbia firm was considerably lower than that quoted by the Pelton Company and the work was given to it. This may be said to be *the first special wheel of this or any type to be manufactured in the Province*, and it has proved most satisfactory during the trials, only a few minor alterations and adjustments requiring to be made.

The penstock anchorage, generator foundation, and beginning of the tail-race are made monolithic in concrete, a small amount of reinforcing steel being used. On leaving the power-house the tail-race construction changes to a simple timber flume to the river-bank, a distance of about 70 feet. This part of the structure is reinforced by timber brackets with outside bracing, and is weighted down with stones and earth, a precaution made necessary by the fact that at high tides when the river is in flood the water rises almost to the floor of the power-house, and would otherwise lift the flume out of its place—which actually occurred once during construction.

Electric Distribution.—The high-tension distribution system consists of No. 6 hard-drawn copper wire, and leaves the power-house in two 3-phase circuits arranged in equilateral triangles.

A telephone system has been installed in connection with the power-house, with instruments at the railway offices in town, at the shops, and at the power-house itself. All practicable precautions have been taken to prevent injury to the system or to persons from contact with high-tension wires. Lightning-arresters have been provided on both power and telephone circuits, and emergency cut-outs are installed on each power-wire leaving the generating-station.

Water-supply.—The largest single item included in the improvements to the water system was the laying of an 8-inch main to the railway-shops for fire-protection and general water-supply purposes. The headworks were much improved also. The temporary system installed by the Newport Water Company included a 5,000-gallon wooden tank intended as a balancing reservoir. The pumped supply, however, was so meagre that water was only available intermittently.

A tank of 25,000 gallons capacity was therefore added to the existing tank, while the latter was raised to bring its water-surface to the same level as that of the large one. Supply was then arranged for from the power-penstock, a 6-inch riser being put in from the main to supply each tank, controlled by automatic valves. The two tanks were then so connected that both could be used simultaneously, or either could be temporarily out of commission while the other took care of the consumption for the time being.

During the Newport Water Company regime a wash-out occurred at the point where the pipe-line at that time crossed the Mamquam River. They made a temporary repair by installing a section of 4-inch wrought-iron pipe, following the road and bridge crossing and joining up to the ends of the wash-out. The main being properly of 10-inch pipe, this section of small pipe naturally much reduced the flow. This section was therefore taken up and replaced with 1,200 feet of 10-inch wood-stave pipe.

Various short extensions to street-mains and several house and mill connections were also made during the construction period, and the system is now in very good working condition. Three good fire-streams can now be obtained simultaneously at any part of the system.

Miscellaneous.—All the formalities incident to obtaining water-power and domestic-supply licences have been carried out during the summer. This portion of the work proved unusually

New track.

Stock-pens, Mile 105.

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Track-laying.

Material-yard, Horse Lake Summit.

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complicated owing to the necessity of having the Newport Water Company licence transferred to the Pacific Great Eastern Railway Company, and having various amendments introduced to suit the new conditions. Some questions of right-of-way remain to be cleared up, but no difficulty is anticipated, as the owners concerned have expressed their anxiety to assist the development to the extent of their power.

(2.) Construction, Clinton to Prince George.

This work has been prosecuted throughout the whole of 1919 to date and is still under way. The progress made this year has been in some respects very satisfactory and in other respects disappointing. Throughout the winter 300,000 ties, 3,000 telegraph-poles, and fence-posts for seventy-five miles of fencing were got out for the summer programme, and a large material-yard with the necessary storage-tracks, temporary engine-house, machine-shop, and water-supply system was created at Lone Butte, six miles north of Horse Lake Summit. At this material-yard there was assembled during the winter about 24,000 tons of construction material which was unloaded, classified, and piled ready for track-laying operations and for advancement to rail-head for use as occasion demanded during the season.

The construction headquarters are still located at this point, and these consist of the usual administrative buildings, warehouses, bunk-houses, cook-houses, dining-rooms, hospital with a resident physician, and engineer's office.

In December, 1918, the material-yard was located at this point because it was the farthest point to which steel could be laid, being the commencement of a section of line six miles in length, on which no work had been done except the clearing of the right-of-way. This six-mile section of untouched grading was followed by six miles of finished line to the commencement of another section of 12½ miles in length of new work. These 18½ miles of new line-construction had to be finished by early summer, as it was desired that track be laid to Williams Lake by September 15th.

The outfit was moved on and the grading was prosecuted vigorously during the winter and spring, and it was finished, ready for track-laying, in the beginning of July, thus enabling track to be laid to Williams Lake by September 15th according to programme. In order that there should be as little delay as possible at any time to track-laying operations when they started, bridge-erection was also carried out actively all winter, spring, and summer, ahead of track. The bridges were completely finished in some cases before track reached them, and in other cases finished except the decking, which could not be got locally and had to be brought by train to the bridge-sites, necessitating only a short delay before the track could be laid across them.

Track-laying was started on July 15th and Williams Lake reached on September 15th. Between these dates sixty-six miles of main line track and seven miles of secondary track were laid, or seventy-three miles all told, giving an average per day of track laid, full tied, bolted, spiked, and lined of 1.33 miles.

After Williams Lake was reached the track-laying gang was brought back on ballasting and surfacing-work, which, on account of the difficulty in getting good ballast material and the *total* inability to secure sufficient labour to put it under, the track was and is over sixty miles behind the end of steel.

Just as the track-laying gang was getting a good start on the above-mentioned work it had to be brought to a piece of line crossing a muskeg at Mile 137 which started to give way. Temporary expedients to ensure stability at this place were tried, such as extensive wing-tying, lifting, and temporary bridging; nothing done, however, gave any warranty of obtaining a solid and permanent road-bed; and it was finally decided to make a change in line at this place of about a mile, taking the road-bed off the muskeg and carrying it on solid side-hill ground.

Another small change of location was made at Williams Lake Townsite, and a spur line 1.5 miles long was built, reaching a ballast-pit off the main line near the south end of Lac la Hache, so that altogether this year there have been built twenty-three miles of entirely new line.

In addition to this, to date 113 miles of track have been laid (the end of steel at present being 286 miles north of Squamish), 250,000 cubic yards of ballast and train fill have been hauled, 102 miles of telegraph-line and forty-nine miles of fencing built, and fifteen bridges containing 1,750,000 feet B.M. have been erected. Stockyards complete in every particular have also been built at Miles 105 and 138 (Cariboo Road mileage), three 40,000-gallon capacity water-stations completed, as well as seven station buildings, two section-houses, five tool-houses, and miscellaneous buildings.

A four-stall engine-house, turntable, and first-class station with operating officials' quarters are under construction at Williams Lake.

It is intended to establish a material depot this winter at the Williams Lake yards. The track is now ten miles north of this point, but it can only be advanced seven miles farther to Deep Creek, where a halt will be necessitated pending the erection of the steel viaduct across Deep Creek. It has been previously noted in this report that fifteen bridges have already been built. These have been more or less minor structures, except the crossing at Little Bridge Creek, but the bridge programme of fourty-four bridges, now under construction and under design, is a heavy undertaking. Forty-one of the bridges are of timber, requiring about 8,000,000 feet B.M., and three of them of steel superstructure on concrete piers and abutments. Of these steel bridges, the crossing of the Quesnel on three deck-plate girders on piers and abutments is simple in design and easy of construction. The steel bridges, however, across Deep Creek and the Cottonwood Canyon are undertakings of magnitude. Deep Creek may be classed among the important bridges on the continent, and presents peculiarly difficult problems in foundations and in erection details owing to its great height and the wide spread of the tower-legs.

The Cottonwood Canyon Bridge will be of cantilever design with suspended centre span, and will be erected from both ends, as it is expected to have the track laid from Prince George south and from Williams Lake north to this crossing by November 1st, 1920.

The construction programme for 1920 is projected to work out somewhat as follows, to the end that there may be a through track connection between Squamish and Prince George by December 31st, 1920:—

In the beginning of April ballasting will be started at the south end and carried through to Deep Creek, and the line completely finished to that point by the time it is possible to cross the viaduct, or about the middle of July. After this date track-laying and ballasting will proceed from Deep Creek to the Cottonwood Canyon Crossing. The ballasting and surfacing will be kept up as close as possible to this track-laying, and it is fully anticipated that the line will be finished and in good running condition as far as Quesnel before the freeze-up next fall. Every effort will be made to have the twenty miles of new line-construction completed and all timber bridges erected, so that there will be nothing to prevent reaching the canyon crossing from the Deep Creek end by November 1st.

In the meantime, as early as the weather in spring will permit, track-laying will be started from Prince George southward towards Cottonwood; the regrading of the present line, which is of large moment, and the bridge-construction will be kept out of the way of the track-laying as far as possible, so that Cottonwood Canyon will be reached by track from Prince George on November 1st, the same date on which it is expected it will be reached by track from Deep Creek, coming from the south. The construction of the cantilever bridge across this canyon will then be proceeded with from both ends and a track connection established between Squamish and Prince George. It is fully anticipated that this will be effected by December 31st, 1920.

This is a heavy programme, necessitating the construction of forty-four bridges (trestles, timber trusses, and steel) and the regrading of about 130 miles of line, besides the construction of twenty miles of entirely new roadbed. As everything is planned, however, there should not be anything to prevent its being carried out. Plant is on the ground or in sight to take care of everything, with the exception of the organization for track-laying from the Prince George end, which will require additional equipment to the extent of three locomotives, forty-five flats, and twenty-five boarding-cars. It is not intended to ballast the line this year from Prince George south to Quesnel. This portion of the line will simply be lined up and side-surfaced and put in a condition to operate at a low rate of speed. It will be ballasted the following year.

The Dominion Government was lent by the Pacific Great Eastern Company for war purposes 10,022 tons of rails and 1,100 tons of angle-bars and other accessories, and these are to be returned by the Dominion to the material-yards at Williams Lake and Prince George in time for spring operations. There are already at Prince George about 3,000 tons of railway company's track material.

The expenditure on new line-construction from its commencement to the end of this year totals over $1,800,000, and the engineering construction expense in connection with its supervision amounted to about $40,000, or 2.25 per cent. for engineering, which, it is submitted, is an extremely low overhead charge for such supervision.

(3.) Squamish Cottages.

A contract was let on December 10th, 1918, to Thos. Carson, of Vancouver, for the erection of twelve houses at Squamish for $18,989. These were completed and all occupied by June 1st, 1919.

(4.) Clinton-Ashcroft Location.

This survey was commenced on July 30th and work in the field was completed on November 10th, 1919. To obtain all information required for the projection of the best possible line, sixty-six miles of preliminary line was run.

This proposed connection between the Pacific Great Eastern Railway and Canadian Northern Railway commences at a point 0.85 miles west of Clinton Station and joins the Canadian Northern Railway at a point near the yard limit at Ashcroft, and the length of this projected line is 41½ miles.

With the exception of a portion of the line between Mile 5 and Mile 6, a gradient of 1 per cent. compensated is maintained for 33.8 miles to the siding at top of pusher grade from Ashcroft; 4,400 feet on the level is allowed for passing tracks at this point. The 2.2 compensated pusher gradient from Ashcroft up to this point is 6.8 miles in length. The top of the 1-per-cent. compensated gradient at Clinton is at an elevation of 3,278 feet (P.G.E. datum), and at the junction with the Canadian Northern Railway at Ashcroft elevation is 1,100 feet (P.G.E. datum); this equals elevation 1,000 feet (C.N.R. datum), giving a fall from Clinton to Ashcroft of 2,178 feet.

The curvature of projected line is not excessive and 10-degree curves have been adopted as the maximum. The main engineering difficulty to overcome was the development of distance to maintain a 1-per-cent. compensated gradient from Clinton to join up with a pusher gradient of reasonable length out of Ashcroft, and this object has been satisfactorily gained without encountering construction-work of excessive cost. Trestle-work is also comparatively light for a railway running through a mountainous country. The highest trestle on the line is over Allan Creek. This will be 140 feet high and 800 feet in length.

The crossing over Madden Creek is 110 feet high and 500 feet in length, and over Hat Creek 85 feet high and 600 feet in length. All other trestles of any consequence run from 50 to 100 feet in height and are short.

Steel Bridges.—Provision has to be made for six steel bridges in the Bonaparte Canyon: No. 1, 100-foot span D.P.G.; No. 2, 100-foot span D.P.G.; No. 3, 100-foot span D.P.G.; No. 4, 80-foot span D.P.G.; No. 5, one 80-foot span D.P.G., two 40-foot spans D.P.G.; No. 6, three 80-foot spans D.P.G., three 40-foot spans D.P.G.

Tunnels.—There will be six tunnels and the position and approximate length of them are as follows: No. 1, Mile 10, 350 feet of solid rock; No. 2, Mile 26, 500 feet of solid rock; No. 3, Mile 38, 300 feet of solid rock; No. 4, Mile 39½, 650 feet of solid rock and cemented material; No. 5, Mile 40½, 500 feet of cemented material; No. 6, Mile 40½, 1,000 feet of cemented material.

Culverts.—Provision for numerous culverts will have to be made to carry off melting snow in the spring; in many places rock drains will be adequate.

Classification of Material to be moved.—Taking the line as a whole: Solid rock, 56 per cent.; loose rock, 15 per cent.; hard-pan, 27 per cent.; earth, 2 per cent.

Alternative Route via Boston Flats.—An alternative route into Ashcroft, commencing at a point, Mile 33, from Clinton and passing over the Boston Flats, is being projected which will be about four miles longer than that passing through the Bonaparte Canyon into Ashcroft. There would be very little trestle-work on this line and no steel bridges, and the pusher grade would be 4.6 miles in comparison to a pusher grade up the Bonaparte Canyon of 6.8 miles. There would be, however, a heavy cutting at Ashcroft of approximately 140,000 cubic yards and tunnelling at the top of pusher gradient of 3,000 feet. Comparative estimates will determine route to be adopted.

The reconnaissance survey made by H. E. C. Carry last year proved of great assistance, and the information contained in that gentleman's plans and profiles was remarkably accurate.

CONDITION OF ROAD-BED, PRINCE GEORGE TO QUESNEL.

An examination of and report on the present condition of the road-bed between Prince George and Mile 5 south of Quesnel was carried out in June of this year, so as to arrive at the yardage

which it would be necessary to move to make this mileage ready for track-laying operations. This examination showed that at that date it would be necessary to move about 710,000 cubic yards (and this is exceeded by now) to put the road-bed in a fit condition to receive track.

Mr. Ewart, who made one of the examinations, says in his report of June 27th: "It is impossible to say how much yardage it would take to repair moving embankments; it might be fairly easily accomplished if the weather was dry and hot, but if the same work was attempted in wet weather the slip would become worse instead of better."

He also notes "that practically the whole right-of-way has grown up with brush and small trees, and a great many large trees have blown into the original clearing from the sides," and reports that many new culverts are required.

He estimates the cost of clearing, culvert-work, and grading necessary before track can be laid between the above-mentioned points at $588,000. From the experience gained, however, in having just completed over 100 miles of regrading on the line already south of Deep Creek, and in a more favourable country, this estimated cost is very much too low.

LINE CHANGES, NORTH AND SOUTH OF QUESNEL.

On Cottonwood and Quesnel changes of line, estimates were made by two experienced independent engineers at separate times in the summer of the yardage necessary to move to remake the grade of the old line and to reclear and construct new culverts between the points where the new line is being built. By taking the mean of these the amount necessary to repair the old line between the points of diversion is estimated at $256,300. Actual cross-sections were taken over Mile 23, which showed that it would take 43,570 cubic yards to repair the grade, whereas the total quantity involved in building the line originally was 45,610 cubic yards. This example, together with the photographs reproduced, give an idea of the nature of the country.

In view, therefore, of the heavy expense involved in completing the line as originally contemplated, and on account of the dilapidated condition of the road-bed, the country was looked over with the purpose of trying to get a line which could be built in better country and not exceeding, if possible, the cost of finishing the existing road-bed. That this result has been satisfactorily obtained, the following statement clearly shows:—

Cost of completing original line (with bridges across Quesnel and Cottonwood, permanent structures)	$1,821,825 00
New line	1,210,340 00
Difference in favour of new line	$ 611,485 00
Capitalized operating values	600,000 00
Total saving	$1,211,485 00

REMARKS AS TO PROBABLE EARNINGS.

The Pacific Great Eastern Railway has been graded from Lonsdale Avenue, North Vancouver, to Prince George, a distance of 472.5 miles, with the exception of twenty-seven miles from Whytecliffe to Squamish, and a diversion of about twenty miles north and south of Quesnel, which is now under construction.

The operated portions of the line are designated as the North Shore Division, Lonsdale Avenue to Whytecliffe, 12.55 miles, and the Squamish Division, Squamish to Lone Butte, 210.8 miles.

North Shore Division.

Nearly all the revenue derived on this division is from passenger traffic, although, with the increasing capacity of the industries located on the North Shore, the freight traffic is likely to very materially increase next season. It is almost certain that the ferry system being now operated by the Municipality of West Vancouver, and running to Vancouver City, will be discontinued, and consequently all North Shore passenger traffic will be handled by the Pacific Great Eastern instead of being divided as it now is.

The North Shore is being rapidly settled by permanent residents, and a fairly uniform passenger traffic the year round will result. In the holiday season this year this line has handled as much in a single day as 7,000 passengers from North Vancouver to Whytecliffe Summer Resort.

Original grade.

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Original grade.

Cottonwood Crossing, original line.

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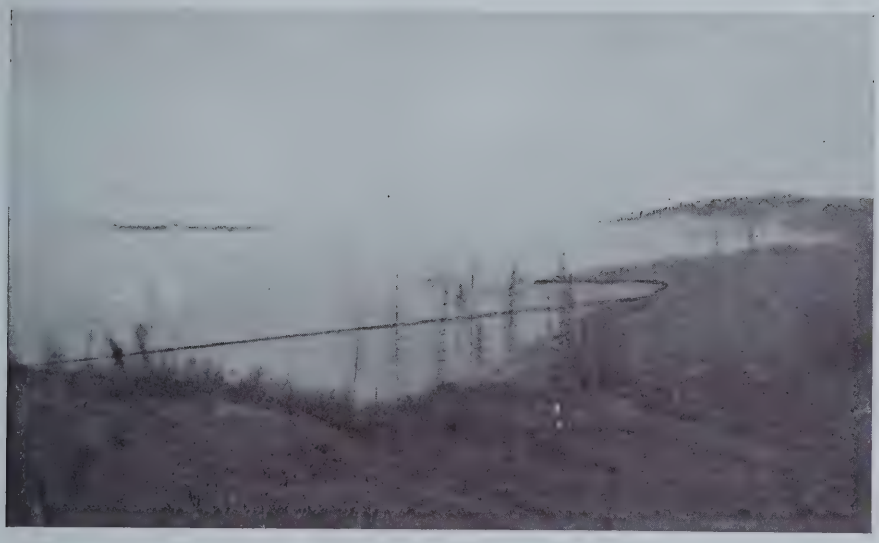
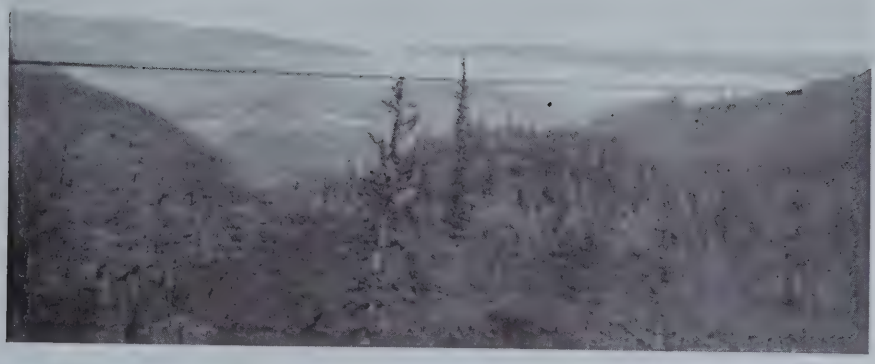


Cottonwood Crossing, original line.



Cottonwood Crossing, Original line.

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Squamish Division.

The principal freight traffic handled on this division are logs, lumber, agricultural produce, stock, general merchandise, bicarbonate of soda, Epsom salts, etc.

The territory along the line between Squamish and the head of Anderson Lake is very heavily timbered. The Provincial Government has estimated the amount of timber tributary to the Pacific Great Eastern Railway, on the first sixty miles along the line from Squamish, as 4,500,000,000 feet, not including varieties used in the manufacture of wood-pulp. This is practically untouched, but with regular transportation assured it is confidently expected that many large sawmills will locate at various points on the line, and that the products will move both to tide-water and to the East and Middle West.

Live Stock.

Cattle.—The cattle now in the territory between Lillooet and Prince George, tributary to the Pacific Great Eastern Railway, number about 35,000. The cattlemen shipped this fall about 7,000 head, but this industry is capable, when fully developed, of shipping 20,000 head per annum.

Sheep.—Only a few sheep are now in the country, but there are very large areas, lightly timbered, suitable for them, and these areas are interspersed with meadows, assuring an ample supply of hay for winter food.

Hogs.—A few cars of hogs have already been moved, and with increased population the industry will greatly increase. British Columbia Coast cities furnish a ready market for pork, which is now brought from long distances.

Grain.

Wheat.—The areas suitable for growing wheat between Clinton and Prince George are large. It is estimated that this district should produce 10,000,000 bushels per annum.

Fruit.

Lack of market, due to former lack of transportation, has discouraged the planting of fruit-trees to supply more than local needs; but trees planted have shown that the Fraser Valley and branches around Lillooet cannot be surpassed in yield and quality. Settlers in this district, however, are becoming interested in fruit-culture, and it is believed that fruit will furnish a very important tonnage, there being an especially good market north and east of the Grand Trunk Pacific line.

Vegetables.

All vegetables grow in greatest profusion and perfection. A ready market is found in the Coast cities for all that can be raised. With development of mining, lumbering, and allied industries along the line, it is confidently expected that the home market for these products of the soil will become very large.

Mixed Farming Areas.

The amount of land suitable for mixed farming or raising grain has been estimated at 2,000,000 acres within twenty miles of the line. A very large portion of the remaining land within the twenty-mile limit is suitable for pasturage, interspersed with mineral-bearing districts.

Mineral Resources.

For metallurgical reasons that portion of the Province which will be developed by the Pacific Great Eastern Railway has been divided into mineral areas, each one being different from the other, but all of them produce material of great economic importance. The areas have been classified as: (1) Metalliferous, comprising the minerals found *in situ* which require concentration; (2) the chemical area, comprising the mineral earths generally known as a commercial commodity, depending on the cost of transportation for its development; (3) the mineral-fuel area, comprising coal and probable oil areas; and (4) secondary material, such as the large placer-gold deposits of the Cariboo, which are known the world over.

Metalliferous Area.

This area, about 3,000 square miles, is the most important from point of tonnage. The minerals found therein are copper, gold, antimony, and bog-iron, all of which require a large tonnage to be of economic importance.

The most important of these metals is the copper, which occurs in very large quantities in close proximity to the line. The free-milling gold deposits on Bridge River are being operated on a considerable scale, but the output has been somewhat retarded for lack of transportation of concentrators to recover the concentrates from the mills now in operation; these mills will shortly be expanded and modern gold-saving devices inaugurated. The antimony deposits situated on Bridge River have been found of sufficient value to justify development. The antimony ore found at this point can be shipped without concentration. The bog-iron deposits near the line will be of some importance as soon as there is a market available for the material.

Chemical Area.

This is an area of about 1,500 square miles, in which all the mineral earths of any importance in the Province are found. These minerals consist of sodium carbonate, magnesium carbonate, gypsum, and fireclay. These mineral earths are found in large quantities and only lack transportation for their full development. There is a market already for this produce as soon as transportation facilities are available.

Mineral-fuel Area.

This area comprises the coal deposits and those areas which show oil indications. In all instances the line crosses these areas, and in no instance is the coal found at a greater distance than five miles from the line. The best coal along the line will produce 75 per cent. of coke and has the following approximate analysis: Fixed carbon, 67 per cent.; ash, 7 per cent.; moisture, 1.5 per cent.; volatile matter, 23 per cent.; and sulphur, less than 0.5 per cent.

Secondary Area.

This area is known as the Cariboo gold placer deposits, which were first located in the early fifties and have produced many millions of dollars since the year 1862. This large area of gravel has been operated by individual miners for many years, but is now at a point where the material can no longer be worked by manual labour and mechanical means must be resorted to. This portion of the country can be considered at present to be in a transition period, and further development will immediately be considered as soon as transportation facilities are inaugurated.

The development of all of the above areas is totally dependent on this railroad for transportation. Taking the price of metals and the exhaustion of the older mineral areas close to transportation into consideration, these inland areas have increased in value a great deal. Although the price of metals has enhanced the value of these areas, the new methods of concentration lately brought into vogue will more than offset any decreases in the price of metals in the future.

Distributing Centres.

The Pacific Great Eastern Railway serves an exclusive territory, reaching the main British Columbia cities of Vancouver and Victoria on the south and extending north to Prince George, on the Grand Trunk Pacific, a distance of 472.5 miles. Prince George will be the distributing centre of a very large and rich district, the nearest large centre to the east being Edmonton and to the west Prince Rupert, each over 400 miles distant. Other important centres will develop along the line of the Pacific Great Eastern Railway as population is acquired along the line and industries established.

Natural Resources to facilitate Industrial Development.

Water-power.—It is safe to say that no railway-line of equal length on the continent has so much available water-power distributed along the line at frequent intervals which may be harnessed economically for industrial purposes, such as mining the ores, smelting, or, indeed, furnishing power for operation of the road.

Population.—The territory served by the Pacific Great Eastern Railway, figured as sixty miles wide and 430 miles long, Squamish to Prince George, equal 25,800 square miles, not now served by any other transportation company.

Considering the natural resources of this territory as briefly mentioned in this report, we may reasonably expect a population of not less than ten persons per square mile of territory, or 258,000 people, as soon as the mining, timber, and agricultural resources are reasonably developed. Development up to this population will be attained in a very few years.

Revenue.

It is well known that timber, products of the farm, live stock, coal, and minerals produce the most constant and profitable revenue to railways. The Pacific Great Eastern Railway territory is especially rich in all these essentials to successful railway operation, and with the development of the resources the profitable operation of the road will be assured.

Taking as a basis of calculation the ratio of earnings to population for all Canada for the year ending June 30th, 1915, we find railway freight earnings about $17,000 *per capita;* passenger earnings about $8 *per capita.* These earnings *per capita* will naturally be considerably greater in western lines engaged in transporting products of the mine, farm, and forest. It may be reasonably expected that the following annual gross earnings would be derived from the line between Vancouver and Prince George as soon as the territory is settled up and industries in operation:—

From freight	$4,386,000
From passengers	2,064,000
Miscellaneous mail, express, etc.	150,000
Total	$6,600,000

By vigorous work on the part of the Provincial Government and by the railway company offering proper inducements to settlers and industries, the above results should be obtained within five years from time the Pacific Great Eastern Railway is completed to Prince George.

The above earnings will be further increased on the completion of the Peace River extension, when the very large grain tonnage to tide-water and the return tonnage of forest products, manufactured articles, and merchandise will be developed between Vancouver and the territory north and east of Prince George.

It will take $4,000,000 additional to complete Squamish to Fort George and provide sufficient rolling-stock to properly operate.

To build and equip an extension of the Pacific Great Eastern Railway from Fort George to connect with the Edmonton & Dunvegan line will take about $18,000,000.

The operated line is in good condition, and the rolling-stock and power of sufficient quantity and is well kept up. The passenger traffic transfer from Vancouver to Squamish is taken care of efficiently by the Terminal Navigation Company's steamers "Ballena" and "Bowena," and the freight transfer service is carried out by the company's twelve-car transfer barge and tug-boat "Clinton," which are both in excellent condition.

The value of the equipment on the line is about $900,000.

Examinations of various lines of railway and of their power and equipment have also been made during the year.

Applications for extension of time in which to complete their undertakings made by various railway companies have been dealt with. A list of certificates issued during the year is given in Appendix A.

Accidents which have occurred on railways under the jurisdiction of this Department and reported as required by the Act are stated in Appendix B.

A list of the railways incorporated under Acts of the Legislature of British Columbia since 1883 is given in Appendix C.

A list of the companies operating logging and industrial railways, with their mileages, etc., is given in Appendix D.

Balance-sheets, in accordance with the provisions of the "Railway Act," have been filed by the following railway companies:—

Comox Logging Railway Company.
British Columbia & Yukon Railway Company.
Victoria Terminal Railway & Ferry Company.
Victoria & Sidney Railway Company.

I have the honour to be,
Sir,
Your obedient servant,
A. F. PROCTOR,
Chief Engineer.

APPENDICES.

APPENDIX A.

CERTIFICATES, 1919.

	Cert. No.
B.C. Electric Railway Co.—	
Approved Standard Freight Mileage Tariff	441
Pacific Great Eastern Railway—	
Authority to borrow $4,800,000 from Canadian Bank of Commerce	442
C.N.P. Railway and New Westminster Southern Railway Co.—	
Sanction of agreement of right-of-way	443
S.E. Kootenay Railway Co.—	
Extension of three months to May 27th, 1919	444
B.C. Electric Railway Co.—	
Approval of express rate, British Columbia lines and Vancouver Power Co.	445
Railways operating under "British Columbia Railway Act"—	
Minister's approval of rules for construction, inspection, and listing of locomotive boiler, also examination and inspection fees	447
B.C. Electric Railway Co.—	
Approval of Car Demurrage Rule	446
Naas & Skeena River Railway—	
Extension of time from May 31st, 1919, May 31st, 1920	448
Grouse Mountain Scenic Railway—	
Extension of time from April 1st, 1919, to April 1st, 1921	449
V. & S. Railway and C.N.P. Railway Co.—	
Authority to C.N.P. under section 150, chapter 194, B.C. Statutes	450
Pacific Great Eastern Railway Co.—	
Minister's approval to operate Clinton to Lone Butte	451

APPENDIX B.

ACCIDENT REPORT, 1919.

Persons injured.	Result.	Cause.
B.C. Electric Rly.		
Child	Killed	Struck by car.
Girl	Died after operation	"
Lady	Ribs broken	Fell when car stopped.
Aged lady	Killed	Struck by car.
Young lady	Fractured skull	"
Old man	Leg broken and slight fracture to skull	"
Boy	Lacerated leg; died in hospital from blood-poisoning	Running against car while in motion.
Lady	Died in hospital	In auto right-hand side of road, colliding with car.
Man	Killed	Run over by car; suicide.
"	"	Freight-train ran into motor-car.
Lady	"	Struck by baggage-car.
Crow's Nest Southern Rly.		
Man, employee	Cut on face	Hit by rock.
" "	Bruised finger	Rail slipped, relaying ties.
" "	Swollen ankle	Bar slipped, relaying ties.
" "	Sprained ankle	Slipped into draw-bars.
" "	Wound on head	Stepped backwards on rail.
" "	Bruises and sprain	Bar slipped, fell to ground.
" "	Crushed foot	Caught foot between sill and draw-bar.
Trespasser	Killed	Tried to cross between cars.
Employee	Sprained ankle	Slipped on ice.
"	Nail puncture, foot	Stepped on board with nail in.
Can. West Fuel Co.		
Employee	Right arm amputated	Run over by coal-car.
"	Crushed abdomen	Caught between cars.
Eastern Lumber Co.		
Employee	Killed	Engine left rails, overturned.
Great Northern Rly.		
Employee	Scalp-wound, contused ear and cheek	Caboose turned over, broken rail.
"	Sprained right thumb	" "

APPENDIX C.

RAILWAYS INCORPORATED UNDER ACTS OF THE LEGISLATURE OF BRITISH COLUMBIA SINCE 1883.

Name of Railway.	Cap.	Year.	Remarks.
Adams River Rly	30	1903	Lapsed.
Alice Arm Rly	46	1898	"
Ashcroft & Cariboo Rly	40	1890	"
"	60	1890	"
"	52	1891	"
"	52	1896	"
Ashcroft, Barkerville & Ft. George Rly	49	1906	"
Arrowhead & Kootenay Rly	47	1898	"
"	65	1901	"
Atlin Short Line Rly. & Navigation Co.	79	1899	"
Atlin Southern Rly	86	1897	"
Barkerville, Ashcroft, & Kamloops Rly	46	1897	"
Bedlington & Nelson Rly	47	1897	Declared for public benefit, c. 53, 1899.
Bedlington & West Kootenay Rly	46	1893	Lapsed.
Bentinck Arm & Quesnel Rly	48	1907	"
Bella Coola & Fraser Lake	50	1906	"
British Columbia & Alaska Rly	56	1910	"
British Columbia & Northern	32	1903	"
Mackenzie Valley Rly	53	1906	"
British Columbia Central	51	1906	"
"	57	1910	"
British Columbia Northern & Alaska Rly	52	1906	"
British Columbia Southern	36	1893	Amended, c. 47, 1893; repealed, c. 53, 1894; c. 39, 1894; c. 4, 1896; c. 53, 1896; c. 33, 1897. Declared for public benefit, c. 36, 1897.
British Columbia Electric Rly.—			
Vancouver Street Rly	31	1886	Lapsed.
"	38	1889	Incorporation.
Vancouver Electric Rly. & Light Co.	51	1890	Amendment.
National Electric Tramway & Light Co.	39	1889	Victoria Electric Rly. & Light Co., c. 62, 1894.
" "	52	1890	Amendment.
Westminster Street Rly	65	1890	
Westminster & Vancouver Tramway Co.	67	1890	Amended.
British Columbia Electric Co	49	1890	Act to amalgamate Westminster Street Rly. & Westminster & Vancouver Tramway Co.
"	71	1891	
"			
"	51	1894	Amended. Land grant.
Consolidated Rly. & Light Co	56	1894	Incorporation.
"	55	1896	Amendment.
Victoria Electric Rly. & Light Co.	63	1894	City of Victoria to supply light and power.
Victoria & British Columbia Electric Rly. Co. Agreement	81	1897	Supply electric light and power in and around City of Victoria.
British Columbia Yukon Rly. Co	49	1897	Operating.
Burrard Inlet & Fraser Valley Rly	54	1891	Amended, c. 48, 1893, and c. 59, 1895. Lapsed.
Burrard Inlet Rly. & Ferry Co	53	1891	Lapsed.
Canadian North-eastern Rly	74	1911	"
Canadian Northern Rly	48	1892	"
"	3	1910	*Main Lines.*—Agreement.
Canadian Northern Pacific Rly	4	1910	(*a.*) Yellowhead Pass to Vancouver, completed; (*b.*) Victoria to Barclay Sound, time extended to July 1st, 1917.
"	32	1912	Barclay Sound to Nootka Sound, time extended to July 1st, 1917.
"	57	1913	*Branch Lines.*—(*a.*) Westminster Bridge to Vancouver, time extended to July 1st, 1917; (*b.*) Westminster Bridge to Steveston, time extended to July 1st, 1917; (*c.*) Victoria to Patricia Bay, completed.
"	58	1913	Amendment to c. 4, 1910.
"	59	1913	*Terminals.*—Port Mann, New Westminster, Vancouver, Victoria, Steveston, and Patricia Bay.
"	61	1914	Further aid towards construction.
"	62	1914	Amendment to c. 57, 1913. Declared for public benefit, Order in Council, February 20th, 1917.
Canadian Pacific Rly	11	1880	Land grant.
Canadian Western Central Rly	20	1889	Land subsidy.
"	34	1889	Incorporation. Amended, c. 40, 1890; c. 36, 1892; c. 39, 1893; c. 4, 1895; c. 35, 1897. Lapsed.
Canadian Yukon Rly	50	1898	Lapsed.
Cariboo, Barkerville, & Willow River Rly	62	1910	"
Cariboo Rly. (Ashcroft & Cariboo)	55	1897	Amendment, c. 50, 1897. Lapsed.
Cassiar Central Rly	35	1897	Crown grant.
"	52	1897	Incorporation. Lapsed.
Chilkat & Klehine Rly. & Navigation Co.	68	1901	Lapsed.
Chilliwack Rly	55	1891	Declared for public benefit, c. 43, 1893. Not built.
Columbia & Carbonate Mountain Rly	61	1890	Lapsed.
Columbia & Kootenay Rly	21	1889	Land subsidy.
"	62	1890	Amended, c. 49, 1892; c. 60, 1895. Declared for public benefit, c. 80, 1890.
Columbia & Kootenay Rly. & Transportation Co.	25	1883	Amended, c. 24, 1884; c. 21, 1889; c. 41, 1890. Lapsed.
Columbia & Western Rly	8	1896	Subsidy Act. Repealed, c. 8, 1903.
"	54	1896	Incorporation. Amended, c. 12, 1898; c. 14, 1899; c. 4, 1900; c. 70, 1901; c. 9, 1903; c. 9, 1906. Declared for public benefit, c. 61, 1898.
Coast-Kootenay Rly	69	1901	Amended c. 9, 1902. Declared for public benefit, c. 199, 1903.
Coast-Yukon Rly	58	1904	Lapsed.
Comox & Cape Scott Rly.	71	1901	"
Comox Logging & Rly. Co.	63	1910	Operating.
Cowichan, Alberni, & Fort Rupert Rly	59	1904	Amended, c. 54, 1906. Lapsed.
Crawford Bay Rly	72	1901	Lapsed.

APPENDIX C.—*Continued.*

RAILWAYS INCORPORATED UNDER ACTS OF THE LEGISLATURE OF BRITISH COLUMBIA—*Continued.*

Name of Railway.	Cap.	Year.	Remarks.
Crow's Nest & Kootenay Lake Rly.	44	1888	Incorporation. Amended, c. 63, 1890; c. 56, 1891. Repealed, c. 53, 1894. Lapsed.
" "	72	1888	Land grant.
Crow's Nest & Northern Rly	58	1908	Amended, c. 64, 1911. Lapsed.
Crow's Nest Southern Rly.	73	1901	Operating (G.N.R. or V.V. & E. Rly.).
Delta, New Westminster, & Eastern Rly.	57	1894	Amended, c. 54, 1897. Lapsed.
Dolly Varden Mines Rly.			Act, 1917. Time to complete, December 31st, 1918; amended, c. 22, 1919.
Delta Rly	34	1887	Lapsed.
Downie Creek Rly.	52	1898	"
East Kootenay Logging Rly.	52	1907	Operating.
East Kootenay Railway	61	1897	Lapsed.
East Kootenay Valley Rly.	53	1898	"
Eastern British Columbia Rly	60	1908	Operating.
Esquimalt & Nanaimo Rly.	13	1875	Land grant. Repealed, c. 16, 1882. Amended, c. 28, 1888; c. 45, 1888.
"	26	1903	Settlers' Rights Act.
"	33	1912	Agreement. Amended, c. 60, 1913. Declared for public benefit, c. 90, 1909.
Flathead Valley Rly	33	1903	Lapsed.
"	52	1909	"
Fording Valley Rly.	63	1905	"
Fraser River Rly.	26	1883	"
Graham Island Rly	54	1909	"
"	65	1910	Amendment. Time extended to 1919.
Grand Trunk Pacific Rly.	19	1908	Crown grant. Amended, c. 22, 1909; c. 34, 1912. Operating.
Grouse Mountain Scenic Incline Rly.	66	1911	Time extended to April 1st, 1921.
Hall, Mines, Ltd., Tramway Act.	59	1894	Lapsed.
Hardy Bay & Quatsino Sound Rly.	55	1909	"
Harrison Hot Springs Tramway	68	1891	"
Howe Sound, Pemberton Valley, & Northern Rly	53	1907	$5,000 deposit with Minister of Finance.
Howe Sound & Northern Rly	67	1910	Amendment to c. 53, 1907. Amalgamated with Pacific Great Eastern.
Hudson Bay Pacific Rly.	61	1908	Lapsed.
Imperial Pacific Rly	77	1901	"
Island Valley Rly.	68	1910	"
Kamloops & Atlin Rly	83	1899	"
"	48	1900	"
"	78	1901	"
Kamloops & Yellowhead Pass Rly.	58	1906	"
Kaslo & Lardo-Duncan Rly.	58	1897	"
Kaslo & Slocan Rly.	37	1892	Land grant.
"	52	1892	Incorporation. Amended, c. 41, 1894; c. 61, 1894; c. 36, 1897; C.P.R. was paid $100,000 for reconstructing Kaslo & Slocan Rly. (c. 37, 1912.) Now operating.
Kaslo & Slocan Tramway Co.	52	1893	Lapsed.
Kettle River Valley Rly	26	1910	Agreement.
"	35	1912	Ratify Agreement, Jan. 12th, 1912. } Leased to C.P.R.
"	53	1912	By-law operating. }
Kitimat Rly.	54	1898	Amended, c. 84, 1899. Lapsed.
Kootenay & North-west Rly.	55	1898	Amended, c. 85, 1899. Lapsed.
Kootenay Lake Shore & Lardo Rly.	53	1893	Lapsed.
Kootenay & Athabasca Rly.	25	1887	Land grant. Lapsed.
"	35	1887	Incorporation. Lapsed.
Kootenay, Cariboo, & Pacific Rly.	34	1903	Lapsed.
Kootenay Central Rly	79	1901	"
"	35	1903	Declared for the public benefit.
Kootenay Rly. & Navigation Co.	29	1888	Land grant. Lapsed.
" "	46	1888	Change of title. Lapsed.
Columbia & Kootenay Rly. & Navigation Co.	35	1889	Lapsed.
Ladysmith Lumber Co. Rly.	62	1908	Operating.
Lake Bennett Rly	80	1901	Lapsed.
Lardeau & Kootenay Rly.	54	1893	"
Lardeau Rly.	64	1897	"
Liverpool & Canoe Pass Rly.	57	1891	"
Meadow Creek Rly.	56	1909	Lapsed, $5,000 deposited with Minister of Finance.
Menzies Bay Rly.	69	1910	Time extended to March 28th, 1919.
Mid-Provincial & Nechako Rly.	81	1901	Amended, c. 45, 1902. Repealed, c. 45, 1902. Amended, c. 36, 1904; c. 60, 1906. Lapsed.
Midway-Penticton Rly	44	1899	
Morrissey, Fernie, & Michel Rly.	37	1903	
Mountain Tramway & Electric Rly	56	1898	Lapsed.
Mount Tolmie Park & Cordova Bay Rly	55	1893	"
Naas & Skeena Rivers Rly.	69	1911	Amended, c. 79, 1916. Extension of time to May 31st, 1920.
Nakusp & Slocan Rly.	56	1893	Amended, c. 43, 1894. Operated by C.P.R.
Nanaimo-Alberni Rly.	66	1897	Lapsed.
Nanaimo Electric Tramway Co	69	1891	"
Nanaimo Railway Act	25	1881	"
Nelson & Fort Sheppard Rly.	58	1891	Amended, c. 42, 1894; c. 37, 1897.
"	38	1892	Land grant. Declared for the public benefit, c. 57, 1893.
"	42	1894	Amended, c. 42, 1894; c. 37, 1897.
New Westminster-Port Moody Rly.	14	1882	Amended, c. 25, 1884. Lapsed.
Nelson & Arrow Lake.	57	1893	Lapsed.
New Westminster & Vancouver Short Line Rly.	37	1889	Amended, c. 67, 1892; c. 60, 1896. Lapsed.
New Westminster Southern Rly.	27	1883	Lapsed.
" "	36	1887	Amended, c. 36, 1889. Operating. G.N.P. purchased from Port Kells to Bridge, New Westminster. Since sold to Canadian Northern.
Nicola, Kamloops, & Similkameen Coal & Rly. Co	47	1891	Amended, c. 38, 1903. Declared for public benefit, c. 164, 1903.

APPENDIX C—*Continued.*

RAILWAYS INCORPORATED UNDER ACTS OF THE LEGISLATURE OF BRITISH COLUMBIA—*Continued.*

Name of Railway.	Cap.	Year.	Remarks.
Nicola Valley Rly.	59	1891	Declared for the public benefit.
"	37	1893	Chap. 50, 1892.
North Star & Arrow Lake Rly.	58	1898	Amended, c. 86, 1899. Lapsed.
Northern Vancouver Island Rly.	71	1910	
" "	70	1911	Time extended to March 28th, 1919. $5,000 deposited with Minister of Finance.
Okanagan & Kootenay Rly.	40	1890	Lapsed.
"	64	1890	"
Osoyoos & Okanagan Rly.	59	1893	"
Pacific Great Eastern Rly.	34	1913	Amended, c 61, 1913; c. 62, 1913; c. 65, 1914.
"	36	1912	Under construction.
Pacific Northern & Eastern Rly.	39	1903	Lapsed.
Pacific Northern & Omineca Rly.	50	1900	Amended, c. 55, 1902; c. 77, 1902; c. 40, 1903; c. 67, 1905; c. 58, 1909. Lapsed. Security deposited with Minister of Finance.
Pacific Rly.	73	1910	Lapsed.
Peace & Nass River Rly.	73	1911	"
Penticton Rly	74	1910	"
Portland & Stickine Rly.	59	1898	"
Portland Canal Short Line	59	1909	Amended, c. 74, 1911. Now called Canadian North-eastern Rly. Abandoned.
Portland Canal Rly.	56	1907	Lapsed.
Port Moody, Indian River, & Northern Rly.	75	1910	"
Prince Rupert & Port Simpson Rly.	60	1909	"
Quatsino Rly.	42	1903	"
Queen Charlotte Island Rly.	83	1901	Amended, c. 57, 1907.
"	63	1905	Lapsed.
Queen Charlotte Rly.	76	1910	"
Rainy Hollow Rly.	58	1907	"
Red Mountain Rly.	61	1893	Declared for public benefit, c. 60, 1895.
Revelstoke & Cassiar Rly.	61	1898	Lapsed.
Rock Bay & Salmon River Rly.	51	1900	"
St. Mary's & Cherry Creek Rly.	64	1906	
St. Mary's Valley Rly.	65	1906	
Shuswap & Okanagan Rly.	26	1887	Amended, c. 30, 1888,; c. 42, 1890; c. 37, 1891.
Skeena River & Eastern Rly.	62	1898	Lapsed.
Skeena River Rly. Colonization & Exploration Co.	63	1898	"
South-east Kootenay Rly.	64	1898	"
"	63	1906	Amended, c. 61, 1909. Time extended to May 27th, 1919.
South Kootenay Rly.	88	1898	Lapsed.
South Okanagan Rly.	66	1906	"
Stave Valley Rly.	70	1905	"
Stickeen & Teslin Rly. Navigation & Colonization Co.	71	1897	"
Toad Mountain & Nelson Tramway Incorporation.	70	1891	Amended, c. 44, 1898; c. 40, 1900.
Toad Mountain & Nelson Tramway Incorporation.	185	1897	Chap. 58, 1901, an Act respecting the Incorporation of Tramway, Telephone, and Telegraph Companies.
Tramway Inspection	50	1910	Amended, c. 51, 1911.
Upper Columbia Navigation & Tramway Co.	50	1891	
Vancouver & Grand Forks Rly.	84	1901	Lapsed.
Vancouver & Lulu Island Electric Rly. & Improvement Co.	61	1891	"
Vancouver & Lulu Island Rly.	60	1891	Amended, c. 73, 1897; c. 52, 1900. Declared for public benefit, c. 86, 1901.
Vancouver & Nicola Valley Rly.	63	1908	Amended, c. 80, 1910. Lapsed.
Vancouver & Northern Rly.	64	1909	Lapsed.
Vancouver & Westminster Rly.	53	1900	Amended, c. 78, 1902.
Vancouver Island Hydro-electric & Tramway Co., Ltd.	..	..	Incorporated, joint-stock company, November 12th, 1912. Lapsed.
Vancouver Land & Rly. Co.	15	1882	Lapsed.
Vancouver-Nanaimo Rly. Transfer Co.	74	1897	"
Vancouver, Northern, & Yukon Rly.	89	1899	Amended, c. 55 1900. Lapsed.
Vancouver, Northern, Peace River, & Alaska Rly. & Navigation Co.	62	1891	Lapsed.
Vancouver, Victoria, & Eastern Rly. & Navigation Co.	75	1897	Declared for public benefit, c. 172, 1905.
Vernon and Okanagan Rly.	63	1891	Lapsed.
Victoria & Barkley Sound Rly.	65	1909	"
Victoria & Northern America Rly.	64	1891	"
Victoria & Saanich Rly.	16	1886	"
"	29	1886	"
Victoria & Seymour Narrows Rly.	79	1902	"
Victoria & Sidney Rly.	39	1892	Subsidy. } Operated by G.N.R.
"	66	1892	Incorporation. }
Victoria & Yellowhead Pass Rly. Aid	70	1902	Lapsed.
Victoria Terminal Rly. & Ferry Co.	85	1901	Amended, c. 54, 1905 } Operated by G.N.R.
" "	86	1901	By-law. }
Victoria, Vancouver, & Westminster.	64	1894	Amended, c. 76, 1897. Lapsed.
Victoria Harbour Rly. Co.	44	1911	Lapsed.
Wellington Colliery Rly.	28	1883	"
"	44	1911	Operating.
Yale Northern Rly.	87	1901	Lapsed.
Yukon Mining & Trading & Transportation Co.	38	1897	
Yukon Mining & Trading & Transportation Co.	77	1897	Lapsed.

APPENDIX D.

LIST OF RAILWAYS—INDUSTRIAL AND COMMON CARRIERS.

Company.	Head Office.	Operating.	Miles Track.	Locos., Steam.	Locos., Elec.	Equipment.	Total.
Abbotsford Timber & Trading Co.	Abbotsford	Abbotsford Mill	8	1	.....	17 logging-trucks, 1 flat car, 1 oil-car	19
Alberni Pacific Lumber Co.	Port Alberni	Alberni Mill	7	2	.....	20 logging-cars, 7 logging-trucks, 1 workmen's passenger-car	28
Amick, J. H., Logging Co.	Sooke	Sooke	8	1	.....	40 logging-trucks	40
Anderson, P. B.	744 Hastings St. W., Vancouver	Knox Bay	4	1	.....	10 logging-cars, 8 logging-trucks, 1 flat car	19
Beaver River Lumber Co.	203 Trust Blk., New Westminster	Beaver River	4	2	.....	11 logging-cars	11
Beaver Cove Lumber & Pulp Co.	626 Pender St. W., Vancouver	Beaver Cove	6	1	.....	4 cars	4
Bloedel, Stewart & Welch Lumber Co.	506 Winch Bldg., Vancouver	Myrtle Point	20	3	.....	51 cars	51
Britannia Mining & Smelting Co.	Britannia Beach	Britannia Beach	35	.....	25	267 cars	267
B.C. Mills Timber & Trading Co.	Dunlevy St., Vancouver	Rock Bay	27	6	.....	70 logging-trucks	70
Brooks, Scanlon & O'Brien (Eagle River and Northern Rly.)	510 Hastings St. W., Vancouver	Stillwater	18	3	.....	42 logging-trucks	42
Campbell River Lumber Co.	White Rock	Hernando Is.	2	4	.....	4 logging	4
" "	"	Otter	1	4	.....	6 cars	6
Canadian Panama Timber & Logging Co.	204 Central Bldg., Victoria	Sooke	7	1	.....	14 logging-cars, 2 workmen's passenger-cars	16
Canadian Collieries, Ltd.	Pemberton Blk., Victoria	Ladysmith	21	10	.....	8 box, 25 flat, 383 coal-cars, 25 rock-dumps, 2 passenger-cars	455
"	" "	"	35	.....	.....	8 workmen's passenger-cars, 1 steam-shovel, 1 pile-driver, 1 snow-plough	
Canadian Puget Sound Co.	Victoria	Jordan River	.....	3	.....	72 logging-trucks	72
Canadian Robert Dollar Co.	850 Hastings St. W., Vancouver	Union Bay	7	1	.....	1 boarding-car, 6 logging-cars, 16 sets logging-trucks	23
Canadian Western Fuel Co.	Nanaimo	Nanaimo	20	6	.....	42 flat, 564 coal-cars, 21 work-cars, 2 workmen's passenger-cars, 1 crane	630
Capilano Timber Co.	North Vancouver	North Vancouver	8	2	.....	1 flat, 12 logging-cars, 27 logging-trucks, 1 steam-shovel, 1 snow-plough	42
Clayburn Co.	Clayburn	Clayburn	8	2	2	3 flat, 11 ore-cars, 4 coal-cars	18
Columbia River Lumber Co.	735 Granville St., Vancouver	Golden	28	3	.....	2 box, 2 flat, 82 logging-cars, 3 log-loaders	89
Comox Logging Co.	" "	Comox	50	6	.....	200 logging-cars, 30 logging-trucks, 10 boarding-cars, 12 tank-cars, 2 flat, 1 box, 4 gons	259
Corbin Coal & Coke Co.	Spokane, Wash.	Corbin	12	2	.....	96 coal-cars, 8 work-cars, 2 steam-shovels, 1 rotary plough	107
Craig-Taylor Lumber Co.	207 Hastings St. W., Vancouver	Otter	5	2	.....	8 logging-cars	8
Crow's Nest Pass Lumber Co.	Wardner	Waso	9	2	.....	3 flat, 7 boarding-cars, 2 log-loaders	12
Clayton Lumber Co.	Cloverdale	Cloverdale	4	1	.....	4 trucks	4
Dolly Varden Mines Rly.	850 Hastings St. W., Vancouver	Alice Arm	18	3	.....	1 box, 15 flat, 2 cabooses	18
Eagle Timber Co.	470 Granville St., Vancouver	Grassy Bay	3	1	.....	1 box, 1 flat, 7 logging-trucks, 1 pile-driver, 1 log-loader	11
East Kootenay Lumber Co.	Jaffray	Jaffray	10	1	.....	24 logging-cars, 2 log-loaders	26
Eastern B.C. Rly. (Corbin Coal & Coke Co.)	Spokane, Wash.	Corbin	16	2	.....	8 box, 19 flat, 1 baggage, 1 passenger-car, 1 pile-driver, 1 snow-plough	31
Eastern Lumber Co.	Ladysmith	Ladysmith	3	1	.....	5 logging-trucks	5
Ellis, H. M.	744 Hastings St. W., Vancouver	Lombard	3	1	.....	10 logging-trucks	10
Galbraith Logging Co.	New Westminster	Langley Mill	4	1	.....	4 logging-trucks, 1 log-loader	5
Gordon Development Co.	736 Granville St., Vancouver	Half Moon Bay	4	1	.....	1 flat, 10 logging-trucks	11
Granby Consolidated Mining & Smelting Co.	718 Granville St., Vancouver	Anyox	6	8	3	2 box, 12 flat, 50 ore-cars, 3 coal-cars, 20 ballast, 1 steam-shovel	88
Gwilt Lumber Co.	Courtenay	Courtenay	4	1	.....	2 sets logging-trucks	4
Griffin, Contractors	506 Winch Bldg., Vancouver	C.N. Rly.	.....	2	.....	.....	.....
Hedley Gold Mining Co.	Hedley	Hedley	3	.....	2	40 ore-cars	40
Heaps, E. H.	Fort Victoria, Vancouver	Ruskin	12	1	.....	4 flat, 15 logging-trucks, 3 oil-cars, 2 tank-cars	24
Hoard & Flaherty	Bainbridge	Bainbridge	3	1	.....	4 sets logging-trucks	8
International Timber Co.	470 Granville St., Vancouver	Campbell River	20	3	.....	2 flat, 50 logging-cars, 10 work-cars, 1 box, 1 workmen's passenger-car, 1 pile-driver	65
Keystone Logging Co.	602 Hastings St. W., Vancouver	Silverdale	8	2	.....	1 flat, 11 logging-trucks, 1 pile-driver, 1 log-loader	14
King, M. B., Lumber Co.	Newton	Kings	3	1	.....	2 box, 1 logging-car	3
Khales International Timber & Trading Co.	Mission	Mission	2	1	.....	1 logging-car	1
Lamb Lumber Co.	602 Hastings St. W., Vancouver	Lang Bay	4	1	.....	1 flat, 10 logging-cars, 4 logging-trucks	15

APPENDIX D.—*Continued.*

LIST OF RAILWAYS—INDUSTRIAL AND COMMON CARRIERS.—*Continued.*

Company.	Head Office.	Operating.	Miles Track.	Locos., Steam.	Locos., Elec.	Equipment.	Total.
Mayo Lumber Co.	Duncan	Duncan	3	1		2 logging-cars, 1 log-loader	3
McDonald-Murphy Logging Co.	Campbell River	Campbell River	3	1		8 logging-trucks	8
Merrill-Ring-Moore Co.	602 Hastings St. W., Vancouver	Johnstone Strait	3	2		19 logging-cars	19
Morrissey, Fernie & Michel (Crow's Nest Pass Coal Co.)	Fernie	Fernie	12	5		6 box, 49 coal-cars, 1 passenger-car, 5 workmen's passenger-cars, 1 caboose, 1 snow-plough, 1 crane	64
Magoffin, Contractors	Prince George	G.T.P. Rly.		4			
Nimpkish Timber Co.	470 Granville St., Vancouver	Alert Bay	9	3		21 logging-cars, 12 logging-trucks, 1 pile-driver	34
New Ladysmith Lumber Co.	Nanaimo	Nanaimo	9	2		11 cars	11
Otis-Staples Lumber Co. (St. Mary's & Cherry Rly.)	Wycliffe	Wycliffe	34	3		91 cars	91
Pacific Great Eastern Rly.	736 Granville St., Vancouver	North Vancouver to Whytecliffe.	13	10		49 box, 138 flat, 35 stock, 3 refrigerators, 10 gons., 10 oil-cars, 4 cabooses	352
" "	" "	Squamish to Tatton	231			45 ballast, 27 outfit-cars, 8 coaches, 1 comb. P. & B., 2 mail and baggage, 3 P. gas-motors, 3 steam-shovels, 1 ditcher, 1 pile-driver, 1 crane	
Pacific Coast Coal Mines	Victoria	Wellington	20	3		3 flat, 48 coal-cars	51
Pacific Mills	Ocean Falls	Kimsquit	8	2		25 logging-cars, 4 work-cars, 2 pile-drivers, 2 log-loaders	33
Powell River Co.	510 Hastings St. W., Vancouver	Kingcome Inlet	24	2		3 flat, 32 logging-trucks	35
Port Moody-Coquitlam Rly. (Robt. McNair Lumber Co.)	670 Thurlow St., Vancouver	Port Moody	15	1		6 flat cars, 12 logging-cars	18
Peterson, Contractors	718 Granville St., Vancouver			2			
Ross Saskatoon Lumber Co.	Waldo	Kootenay River	12	2		27 logging-cars	27
Salmon River Lumber Co.	Sperling	Sperling	5	1		1 set logging-trucks	2
Seaford Logging Co.		Powell River	3	1		19 cars	19
Shawnigan Lake Lumber Co.	200 Government St., Victoria	Shawnigan Lake	6	2		20 logging-trucks	20
Southgate Logging Co.	Seattle, Wash.	Bute Inlet	7	2		1 flat car, 11 logging-cars, 2 logging-trucks, 1 pile-driver	15
Smith-Hutchinson Lumber Co.	207 Hastings St. W., Vancouver	Fraser Valley (B.C.E. Rly.)	2	1		2 sets logging-trucks	4
Straits Lumber Co.	744 Hastings St. W., Vancouver	Lang Bay	9	1		18 logging-trucks, 1 pile-driver	19
Timberland Lumber Co.	New Westminster	Ladysmith	6	1		8 logging-cars	8
Vancouver Lumber Co. (Mainland Cedar Co.)	Connaught Bridge	Port Neville	4	1		10 logging-cars, 1 box car, 4 logging-trucks, 1 work-car, 1 pile-driver, 2 log-loaders	19
Victoria Lumber Co.	Chemainus	Chemainus and Ladysmith.	21	4		73 logging-cars	73
Wilson Brady, Ltd.	Winch Bldg., Vancouver	Valdes Is.	7	2		1 flat car, 16 logging-trucks	17
Wilson Logging & Timber Co.	739 Hastings St. W., Vancouver	Heriot Bay	6	1		8 logging-trucks	8
Wilson, J. C., Lumber Co.	Qualicum Beach	Qualicum Beach	4	1		8 logging-trucks	8
Totals			956	162	32		3,633

VICTORIA, B.C.:
Printed by WILLIAM H. CULLIN, Printer to the King's Most Excellent Majesty.
1920.

REPORT

OF THE

COMPTROLLER-GENERAL

OF THE PROVINCE OF

BRITISH COLUMBIA

1919-20

PURSUANT TO THE PROVISIONS OF THE "AUDIT ACT,"
CHAPTER 7, 7 & 8 GEO. V.

PRINTED BY
AUTHORITY OF THE LEGISLATIVE ASSEMBLY.

VICTORIA, B.C.:
Printed by WILLIAM H. CULLIN, Printer to the King's Most Excellent Majesty.
1920.

To Colonel the Honourable EDWARD GAWLER PRIOR,

A Member of the King's Privy Council for Canada,

Lieutenant-Governor of the Province of British Columbia.

MAY IT PLEASE YOUR HONOUR:

The undersigned has the honour to present to Your Honour statements of the Comptroller-General pursuant to the provisions of the "Audit Act," chapter 7, 7 & 8 George V.

Respectfully submitted,

JOHN HART,

Minister of Finance.

Treasury Department,

Victoria, February 4th, 1920.

VICTORIA, February 4th, 1920.

Hon. John Hart,
Minister of Finance.

SIR,—I have the honour to submit for the information of the Legislative Assembly, pursuant to the provisions of the "Audit Act," chapter 7, 7 & 8 George V., as follows:—

(A.) Statement of Treasury Board Overrulings (pursuant to section 31).

(B.) Statement of Expenditures on Services which have exceeded their Appropriations (pursuant to subsection (*b*) of section 32).

(C.) Statement of Payments charged against the 1919-20 Appropriations which did not occur within the Period of the Account.

(D.) Statement of Special Warrants issued (pursuant to subsection (*b*) of section 24).

(E.) (1.) Statement showing the Revenue for the First Nine Months of the Present Fiscal Year, viz., from 1st April to 31st December, 1919.

(2.) Statement showing the Expenditure for the First Nine Months of the Present Fiscal Year, viz., from 1st April to 31st December, 1919.

(3.) Statement showing Expenditures and Advances out of Moneys raised by Loan under Authority of the Legislature for Specific Purposes, 1st April to 31st December, 1919 (pursuant to subsection (*a*) of section 42).

I have the honour to be,
Sir,
Your obedient servant,
A. N. MOUAT, C.A.,
Comptroller-General.

COMPTROLLER-GENERAL'S REPORT.

(A.)

TREASURY BOARD OVERRULINGS.

RE PAYMENT IN CONTRAVENTION OF SECTION 33 OF THE "CIVIL SERVICE ACT, 1917."

December 10th, 1918.

The Government Agent, Kamloops, B.C.

DEAR SIR,—With reference to your Voucher No. 1554 for $15 in favour of Z. Slavin, please advise if this is the same Miss Z. Slavin who has a permanent position as stenographer in your office.

Should it be one and the same person, I shall be glad to be advised of the circumstances under which Miss Slavin has been paid the amount above referred to, as, without further information, it would seem these payments are in contravention of section 33 of the "Civil Service Act, 1917," as follows:—

"33. In the absence of special authority of the Legislative Assembly, no member of the Civil Service shall receive any remuneration from the funds of the Province in addition to the regular salary of the position which he holds as provided in the annual estimates of the Province."

Kindly let me have an early reply.

Yours truly,
A. N. MOUAT,
Comptroller-General.

GOVERNMENT AGENT'S OFFICE,
KAMLOOPS, B.C., December 12th, 1918.

The Comptroller-General, Victoria, B.C.

SIR,—Replying to your letter of the 10th inst. with reference to my Voucher No. 1554 for $15 in favour of Z. Slavin, I have to state that this is the same Miss Slavin who is permanently employed in my office as stenographer. I note that this payment would appear to be in contravention of section 33 of the "Civil Service Act, 1917," and for your information I beg to state that Mr. Philip, the District Public Works Engineer, approached me with reference to obtaining the services of Miss Slavin, as he was unable to get the work done by an outside stenographer for the amount of $15 authorized to be paid by his Department for this work. Further, Mr. Philip informs me a considerable amount of the work is more or less of a confidential nature, and it was therefore advisable, if possible, to have it done by some one in the Service. I informed him that I had no objection to Miss Slavin doing the work, provided it did not interfere with her regular duties and hours of work in my office, which it has not, as the work has been done after regular hours and on Saturday afternoons.

I would point out that, although the work has apparently been done in contravention of the Act, it has effected a considerable saving and has been much more satisfactory to Mr. Philip.

I have, etc.,
E. FISHER,
Government Agent.

December 19th, 1918.

The Government Agent, Kamloops, B.C.

OUR FILE No. 17.

DEAR SIR,—I have received your letter of the 12th instant, advising that the Miss Z. Slavin whose name appears as a creditor on your Voucher No. 1554 for services as stenographer for one month in the office of the District Engineer, Kamloops, is the same Miss Z. Slavin who is permanently employed in your office as stenographer.

The explanation offered that the work was done outside regular office hours would be quite acceptable if it were not for the provisions of section 33 of the "Civil Service Act, 1917," the terms of which preclude me from passing the voucher for lack of the necessary legislative authority.

Should you desire to appeal from this decision, I would refer you to section 24 of the "Audit Act, 1917," for the procedure.

Yours truly,
A. N. MOUAT,
Comptroller-General.

TREASURY DEPARTMENT,
VICTORIA, B.C., January 28th, 1920.

The Comptroller-General, Buildings.

RE KAMLOOPS AGENCY, VOUCHERS 1259, 1554, 1786, $45, TREASURY BOARD, MISS SLAVIN.

SIR,—Referring to your correspondence with the Government Agent at Kamloops in December, 1918, in which you refused to certify to the above vouchers as the payment of same by the Government Agent was in contravention of section 33 of the "Civil Service Act, 1917," I beg to state that an appeal of the Government Agent against your decision has been made to the Treasury Board, and I am directed to inform you that at a meeting of the Treasury Board held in Victoria on the 26th instant it was resolved that the above Vouchers Nos. 1259, 1554, and 1786, each for $15 in favour of Z. Slavin, Kamloops (total $45), be paid and charged to Public Works, "Kamloops District," and that the sum of $45 be reimbursed to the Government Agent at Kamloops.

I have, etc.,
W. J. GOEPEL,
Secretary, Treasury Board.

RE RESPONSIBILITY FOR LOSS OF CURRENCY IN MAIL.

EDUCATION OFFICE,
VICTORIA, B.C., October 9th, 1919.

A. N. Mouat, Esq.,
Comptroller-General, Victoria, B.C.

SIR,—I beg to enclose herewith letter from the Public Works Engineer, with voucher for $5 attached, and to ask your advice as to whether this Department is responsible for the payment of the $5, which it is alleged went astray in the mail when it was returned to Mr. Morris by the Public Works Department.

Kindly return the enclosed letter and voucher when they have served their purpose.

I have, etc.,
ALEXANDER ROBINSON,
Superintendent of Education.

October 14th, 1919.

The Superintendent of Education, Parliament Buildings.

Dear Sir,—With reference to your letter of 9th instant, enclosing voucher for $5 in favour of R. O. Morris, together with letter from the Public Works Department requesting you to pay same: The voucher will not be approved by this office, and I would suggest, therefore, that it be returned to the Public Works Department with an intimation that the party who enclosed a $5 bill in a letter to the payee without registration must be held responsible for the loss.

Yours truly,
A. N. Mouat,
Comptroller-General.

Department of Public Works,
Victoria, B.C., October 20th, 1919.

The Comptroller-General, Parliament Buildings, Victoria, B.C.

Sidney School.

Sir,—With reference to your letter of the 14th instant to the Superintendent of Education, declining to pass a voucher for $5 in payment of a deposit made by R. O. Morris that has been lost in the mail, the letter not being registered, would you care to express an opinion as to who the responsible party would be? The Department accepts the full responsibility in the matter, and the loss being connected with a school building we vouchered through the Education Department.

Yours obediently,
J. E. Griffith,
Deputy Minister of Public Works.

October 21st, 1919.

The Deputy Minister of Public Works, Parliament Buildings.

Your File No. 2081, Our File No. 57-3, Sidney School.

Dear Sir,—With reference to your letter of the 20th instant, in which you desire me to express an opinion as to the party responsible for the loss of an amount of $5 stated to have been sent in an unregistered letter to R. O. Morris: The decision of placing the responsibility for this matter rests entirely with the department concerned.

Yours truly,
A. N. Mouat,
Comptroller-General.

December 11th, 1919.

The Deputy Minister of Public Works, Parliament Buildings.

Dear Sir,—With reference to the enclosed vouchers in favour of R. O. Morris, $5; Thos. Carson, $10; and Tully Bros., $10, stated to be refunds of deposits on plans of various schools, with a notation on each voucher that currency was mailed in an unregistered letter and failed to reach the addressee: The voucher in favour of R. O. Morris was originally sent to this office for payment some time ago and refused, and subsequently an attempt was made to have the same paid through the Education Office, but, the matter being referred to this office before payment, the voucher was again returned to your office, with an intimation that the party responsible for enclosing currency in an unregistered letter must be held responsible for the loss, and that such voucher would not be approved as a charge against a legislative appropriation.

Apparently that voucher, together with the two others referred to, has again been presented for payment in accordance with your memorandum to Mr. Hood of the 18th ultimo. The vouchers in question cannot be approved for payment, and I would again suggest that the party responsible make good the loss.

Yours truly,
A. N. Mouat,
Comptroller-General.

TREASURY DEPARTMENT,
VICTORIA, B.C., January 28th, 1920.

The Comptroller-General, Buildings.

RE THREE VOUCHERS—REFUND OF DEPOSITS ON PLANS OF SCHOOLS, $25, PUBLIC WORKS DEPARTMENT.

SIR,—The Deputy Minister of Public Works has appealed to the Treasury Board against your refusal of the 14th October, 1919, to approve a voucher for $5 on the grounds that the party who enclosed a $5 bill in a letter to R. O. Morris without registration must be held responsible for the loss. I understand that the other two vouchers, amounting to $20, were not presented to you for payment, but were issued under similar conditions.

I am directed to inform you that at a meeting of the Treasury Board held in Victoria on Monday, the 26th instant, it was resolved that the said vouchers, amounting to $25, be paid and charged to Vote No. 231. I enclose vouchers (3).

I have, etc.,
W. J. GOEPEL,
Secretary, Treasury Board.

(B.)

UNPROVIDED ITEMS IN EXPENDITURE FOR THE FISCAL YEAR ENDED 31ST MARCH, 1919.

STATEMENT of Expenditures on Services which have exceeded their Appropriations from 1st April, 1918, to 31st March, 1919, and for which Overexpenditure the Sanction of Parliament is required.

No. of Vote.	Service.	Total Appropriation.	Total Expenditure.	Overexpended.
	DEPARTMENT OF THE PROVINCIAL SECRETARY.			
163	Colony Farm and Nursery	57,625 00	62,401 25	4,776 25
	DEPARTMENT OF PUBLIC WORKS.			
192	Maintenance of Government Home and Grounds	14,968 00	14,968 76	76
		$ 72,593 00	$ 77,370 01	$ 4,777 01

(C.)

STATEMENT OF PAYMENTS CHARGED AGAINST THE 1919-20 APPROPRIATIONS WHICH DID NOT OCCUR WITHIN THE PERIOD OF THE ACCOUNT.

Department of Agriculture.

Vote No.	Date of Service.	Name.	Particulars.	Amount.
5	June, 1918, to Mar., 1919	Fleming Bros	Developing and printing	$ 39 67
5	Dec., 1918	Macey Office Equipment Co	Paper	1 75
18	Feb., 1918	Birks, H., & Sons, Ltd.	200 badges	36 00
18	March, 1919	Cooley, H., & Son	Lunch-cupboard	6 45
18	March, 1919	Chalmers, J. S. (Mrs.)	14 days @ $5	70 00
18	March, 1919	Trask, A. L. (Mrs.)	9 days @ $5 and expenses	83 40
18	1918	Hatzic Women's Institute	Additional membership allowance	16 50
18	March, 1919	Whidden, R. (Mrs.)	Expenses of Conference at Duncan	62 40
18	Jan., 1919	Davies, Mary S	Expenses to New Westminster	3 05
18	Jan.-March, 1919	Blackwood-Wileman (Mrs.)	40 days @ $5 and expenses	416 42
31	Sept., 1918	McDonnell, A. E. C	Transportation and expenses	1 50

Department of the Attorney-General.

36	March, 1919	Burroughs & Co., Ltd	Supplies	$ 14 85
36	Dec., 1918	Macey Office Equipment Co	Alterations to cabinet	11 10
54	Nov., 1918	Finlayson, M. J., & Co	Cook-stove	20 00
54	March, 1919	Bishop, James, Sr	Meals, etc., for Special Constables	2 00
54	Dec., 1918	Sutherland, E. M., Dr.	Professional services	25 00
54	Jan.-Feb., 1919	Pollock, R. T.	26 days as Special Constable	78 00
54	Jan., Mar., 1919	Pacific Mills, Ltd	Rent of Police Office	48 00
54	Jan., Mar., 1919	City of Enderby	Water rates	4 05
56	Aug., 1918	Shannon Bros	Service fee	25 00
57	March, 1918	Vancouver Daily Sun	Advertising	2 33
57	Nov., 1918	Bogardus Wickens, Ltd	Glass and putty	6 00
57	March, 1919	C.P.R. Co.'s Telegraph	Telegrams	1 14
57	Feb., Mar., 1919	Graham Electric Co	Lamps, etc	52 46
57	March, 1919	Gault Bros	Clothing	360 74
57	March, 1919	Bayview Meat Market	Meat	168 66
57	March, 1919	Kirk & Co	Coal	210 39
57	March, 1919	Kearney, J. T.	Transportation	10 00
57	Dec., 1918, March, 1919	Brackman-Ker Milling Co	Flour and feed	919 95
57	Feb., 1919	Townley & Ward	Mouthpiece	1 50
57	March, 1919	Campbell, A. W.	Drugs	19 70
57	March, 1919	McArthur, W. T.	Hardware	80 61
57	March, 1919	Dixon & Murray	Lumber	19 40
57	March, 1919	Grassie, W. H	Cleaning clocks	3 75
57	March, 1919	Canadian Consolidated Rubber Co	Shoes	129 36
57	Jan., 1919	Pay-list	Salaries	888 00
58	March, 1919	Vancouver Daily Sun	Advertising	2 32
60	March, 1919	Pay-list	Witness fees, Rex *v.* O. C. Nevison	511 71
60	March, 1919	"	Witness fees, Rex *v.* F. H. Lauder	356 32
60	March, 1919	"	Witness fees, Rex *v.* A. A. Nevison	133 05
61	Jan., 1918	"	Petit Jurors	264 00
61	Dec., 1918	"	Petit Jurors	1,230 09
62	March, 1919	Wood, H. S	Counsel fee, Rex *v.* Erickson	25 00
63	Feb., 1919	Hickling, H	Coroner's fee	10 00
66	March, 1918-Feb., 1919	MacInnes, J. A	Counsel fees, *re* P.G.E. Railway	2,685 81
66	March, 1919	MacInnes, G. L.	Counsel fees, *re* Van Horne Estate	11 50
66	Nov., 1918-March, 1919	MacInnes, G. L	Counsel fees, *re* "Coal and Petroleum Act" and Gillespie, Harding and Davis Appeals	76 20
66	May, 1918	Leighton, Ross & Elder	Counsel fees, Rex *v.* Chong Sue	25 00
66	Nov., 1917-March, 1918	Maitland, R. L.	Solicitor's costs of the defendent, Lim Jim *v.* McRae	236 20
66	June-Nov., 1918	Wood, H. S.	Plaintiff's costs, Attorney-general *v.* C. R. Gordon	75 00
66	Nov., 1918, to Jan., 1919	Ellis & Brown	Counsel fees, *re* Blue Funnel Motor Line *et al. v.* City of Vancouver *et al.*, etc	134 30
68	Feb., Mar., 1919	Baker, A. R., Dr.	Travelling expenses	550 55
68	July, Nov., Dec., 1918	Mobley, F. H	Travelling expenses	115 15
68	Dec., 1918	Fairbanks, J. A	Bounty on 1 wolf	10 00
68	Dec., 1918	Cadwallader, H. T.	Bounty on 1 wolf	10 00
68	Dec., 1918	Dick, David	Bounty on 1 cougar	15 00

STATEMENT OF PAYMENTS CHARGED AGAINST 1919-20 APPROPRIATIONS—*Continued.*

DEPARTMENT OF EDUCATION.

Vote No.	Date of Service.	Name.	Particulars.	Amount.
83	Jan.-March, 1918..	City of Vancouver	Maintenance of blind pupils	$ 420 00
83	Jan.-March, 1919..	City of Vancouver	Maintenance of blind pupils	100 00
85	March, 1919	Municipality of Chilliwack	Grant *re* teachers' salaries	1,508 00
85	March, 1919	Municipality of Burnaby	Grant *re* teachers' salaries	2,610 00
94	Jan., Feb., 1919	Sedgewick, G. G.	Travelling expenses	33 75

DEPARTMENT OF FINANCE.

99	Aug., 1918-March, 1919	McDonald, C. J.	Commission on collections	$206 46
99	Jan., 1919	Cumming, R. D.	Advertising Court of Revision	2 40
99	March, 1919	Omineca Herald	Advertising Court of Revision	2 40
99	March, 1919	Gregg, John	Commission on collections	14 00
100	Feb., 1919	McLean Publishing Co., Ltd.	Advertising	30 00
104	Jan., 1919	Cumming, R. D.	"	3 00
117	Jan., 1919	Greenwood Ledge	"	7 20
129	Dec., 1918	Van Gastel, F.	Bulbs, etc.	26 25
129	Nov., 1918	Van Gastel, F.	Gardening	20 00
129	March, 1919	Steen and Longwill	Repairs to Court-house	288 00
130	Feb., 1919	Bell, A.	Postage	5 00
132	Jan.-March, 1919..	Cochrane, D.	Coal-oil, etc.	8 85
138	Aug., 1918	L. McBrine Co., Ltd.	Stationery-case	7 50
138	June, 1918	G. H. Hewitt Co.	Autograph stamp	3 75
139	Jan., 1919	Kelowna Courier	Advertising	4 00
139	Feb., 1919	Okanagan Commoner	"	5 40
139	Jan., 1919	Summerland Review	"	2 50
139	Jan., 1919	Vernon News P. & Pubg. Co., Ltd	"	4 32
143	July, 1918, March, 1919	McDonald, C. J.	Postage	19 00
143	July, 1918, March, 1919	Walter, E.	Postage	17 18
149	Oct., Nov., 1918..	News Ptg. & Pubg. Co., Prince Rupert.	Advertising	174 96
149	Feb., 1919	McLean Publishing Co., Ltd.	Advertising	30 00

DEPARTMENT OF LANDS.

161	Jan., 1919	Electric Blue Print & Map Co	Blue-print paper	$ 9 25
161	Feb., March, 1919.	Browne, J. W. B.	Vulcanizing	4 75
161	March, 1919	Summerland Review Publishing Co.	Advertising	2 16
161	Aug., 1918, April, 1919	N. Pacific Logging Co., Ltd	Meals	230 00
161	March, 1919	Cariboo Observer	Advertising	10 00
161	March, 1919	Mallory, E. M.	Rent	25 00
161	Jan., 1919	Imperial Munitions Board	Meals	290 50
161	Aug., 1918	C.P.R. Telegraphs	Telegram	25
161	Jan.-March, 1919..	Elder, S. O.	Commission on phone messages	10 50
161	Jan.-March, 1919..	McDonald, P. A.	Commission on phone messages	8 94
161	Feb., March, 1919.	Cariboo Observer	Advertising	21 38
161	Feb., 1918	Imperial Oil, Ltd.	Freight	1 60
163	Jan., 1919	Canadian Western Lumber Co., Ltd.	Lumber	45 46
163	Aug., 1918-Jan., 1919	Beale, L. B.	Living allowance and travelling expenses	590 00
164	Jan.-March, 1919..	Easton, W. O.	Services, Guage-reader	2 00
165	Sept., Oct., 1918..	Imperial Oil, Ltd	Gasolene	38 17
166	Sept., 1919	Glanville, P. R.	Board	150 00
166	Feb., 1919	Customs of Canada	Duty	11 79
166	Feb., March, 1919.	Dominion Express Co	Expressage	4 67
166	Sept., 1918	Imperial Oil, Ltd.	Gasolene, etc.	18 99
166	March, 1919	E & N. Railway Co.	Freight	28 00
166	March, 1919	Fritts, H. C.	Services and expenses	327 15
166	March, 1919	Dominion Junk & Machinery Co.	Steel wire, etc.	102 70
166	March, 1919	Reliable Transfer Co.	Expressage and freight	15 00
166	Sept.-Nov., 1918	Aldridge, C.	Services, well-drilling	273 50
166	Sept., 1918	Stirton, R.	Services, well-drilling	20 00
166	March, 1919	McTavish Bros.	Duty and brokerage	135 17
166	Feb., March, 1919.	Star Drilling Machine Co.	Machinery parts, etc.	797 13
166	March, 1919	Barry, T. P.	Bolts, etc.	7 30
166	March, 1919	R. W. Hunt & Co	Inspecting plant	26 45
166	March, 1919	Luney Bros.	Teaming	40 25
166	March, 1919	Imperial Munitions Board	Black pipe, etc.	137 73
166	March, 1919	Ramsay's Machine Works	Machining	126 59

DEPARTMENT OF LABOUR.

179	Feb., 1919	Brooks-Corning Co., Ltd.	Office furniture	$277 00
182	Feb., 1919	Buckland, R.	Services as Carpenter, etc.	67 34
184	March, 1919	Brooks-Corning Co., Ltd.	Office furniture and freight	35 62

STATEMENT OF PAYMENTS CHARGED AGAINST 1919-20 APPROPRIATIONS—*Continued.*

DEPARTMENT OF MINES.

Vote No.	Date of Service.	Name.	Particulars.	Amount.
189	Sept., 1919	Merritt Herald	Subscription	$ 4 00
193	Feb., 1919	Sanderson, H. H.	Supplies	94 60
193	Feb., 1919	Compressed Gas Co	Supplies	28 00
195	Jan., 1919	Sitting Bull Mining Co.	Balance of grant	677 10
196	Jan., 1919	Internatl. Diamond Drill Contracting Co	Drilling	1,065 00
196	March, 1919	Clothier, G. A.	Allowance	95 00
*	October	Nugent, H. M.	Tent-fly	23 00

* "Mineral Survey and Development Act."

DEPARTMENT OF THE PROVINCIAL SECRETARY.

199	Sept., 1918, Jan., 1919	Gomm, W. E.	Medical services	$390 00
199	Aug., Sept., 1918	Corsan, D.	Medical services	50 00
199	Nov., 1918	Bianchi, L.	Labour	80 00
199	Nov., 1918, March, 1919	James, T. A.	Fumigating mail	100 00
199	Feb., March, 1919	Nakusp Drug Store	Drugs, etc	10 45
199	Jan.-March, 1919	McLean, E. H. S.	Medical services	60 00
199	Nov., 1918, Feb., 1919	Jones, A. V.	"	35 25
199	Dec., 1918, Jan., 1919	Bonnel, Garner, & Asselstine	"	125 00
199	June, 1918	Hilton, C. T.	"	13 00
200	Jan.-Nov., 1916, Sept., 1918	H. Southeran & Co	Books	160 80
200	Sept., 1918	Stevens & Brown	"	3 79
200	Sept., 1915, Jan., 1917	Museum Book Store	"	334 08
200	March, 1919	Superintendent of Documents	Bulletin	25
200	March, 1919	Oxford University Press	Books	16 91
200	Sept., 1918	Hudson Book Co.	"	6 15
200	Feb., 1919	Copeland, J. M.	"	1 60
200	Feb., 1919	Angus & Robertson	"	13 51
200	July, 1918	American Association of Law Libraries	Dues	2 00
200	March, 1919	Nijhoff, M.	Subscription	4 27
200	May, 1918, March, 1919	King & Son, Ltd.	Books	57 56
200	March, 1919	American Academy of Political S. Science	Subscription, 3 years to June, 1918	15 00
200	Jan., 1919	N. China Daily News and Herald	Subscription	5 97
200	Sept., 1915, March, 1918	Stevens, Son, & Stiles	Books	1,205 36
200	Oct., 1919	Victoria News Agency	"	4 50
200	Feb., 1919	A. C. McClurg & Co.	"	74 14
202	March, 1919	C.P.R. Telegraphs	Telegram	1 01
202	Feb., 1919	Cull, N. G.	Lenses and Glasses	6 00
203	Feb., 1919	Burr, W. R.	Blue-prints	96
204	March, 1919	C. P. R. Telegraphs	Telegrams	91
204	Oct., 1918	Webb & Gifford	Binding silo-rods	7 20
210	March, 1919	Walker, W. H.	Allowance	10 00
210	March, 1919	Kerr, W.	"	30 00
210	March, 1919	Fielding, W.	"	25 00
210	March, 1919	Jefferson, M.	"	25 00
210	March, 1919	de Wilde, J.	"	20 00
210	March, 1919	Rawlinson & Glaholm	Provisions	16 65
210	Feb., March, 1919	Taylor, J.	"	34 50
210	March, 1919	Trites-Wood Co.	"	55 00
210	March, 1919	East Kootenay Lumber Co	"	35 00
210	March, 1919	Carosella, P.	"	25 00
210	Feb., March, 1919	Ballard & Baker	"	25 00
210	October, 1918	Hudson's Bay Co	Boots, etc	6 25
210	March, 1919	Vincent, A. C.	Provisions	10 00
210	March, 1919	Ashcroft Meat Market	Meat	10 00
210	March, 1919	Haddock, J.	Coal	10 00
210	Feb., 1919	MacDonald Bros.	Provisions	20 00
210	Feb., 1919	Pitts & Hankey	Provisions	9 05
210	March, 1919	Hamilton, A. C.	Coal	6 75
210	March, 1919	Can. Pac. Rly., Co	Transportation	210 86
210	Nov., 1918	J. A. Fraser & Co., Ltd.	Provisions	8 55
210	March, 1919	Carlson, A. G.	Milk	3 00
210	March, 1919	Hobson, A.	Provisions	8 40
210	March, 1919	Revelstoke Meat Market	Meat	2 60
210	March, 1919	McMahon, S.	Rent	5 00
210	Jan., 1919	Kootenay Columbia Fuel Supply Co	Wood	4 00
210	March, 1919	Star Grocery	Provisions	18 15
210	March, 1919	P. Burns & Co	Meat	1 15
210	March, 1919	Jupp, R. W	Travelling expenses	6 00
210	March, 1919	M. J. Finlayson & Co	Provisions	12 40
210	March, 1919	Wilson Grocery Co.	Provisions	26 05
210	March, 1919	Owens' Market	Meat	4 55

STATEMENT OF PAYMENTS CHARGED AGAINST 1919-20 APPROPRIATIONS—*Continued.*

DEPARTMENT OF THE PROVINCIAL SECRETARY—*Continued.*

Vote No.	Date of Service.	Name.	Particulars.	Amount.
210	Feb., March, 1919.	McCall, R.	Provisions	$ 13 20
210	March, 1919	Smith & Son	Provisions	19 70
210	March, 1919	Burgess & Jacob	Wood	6 00
210	Feb., March, 1919.	Burdick Bros. & Brett, Ltd.	Rent	24 00
210	March, 1919	Ridley Home	Board	12 50
210	March, 1919	Pitts & Hankey	Provisions	6 55
210	Feb., 1919	Willis, G. E.	Meals	4 50
210	Feb., 1919	Baird, J.	Transportation	5 85
210	Feb., 1919	Campbell Bros.	Provisions	12 75
210	Dec., 1918	Hudson's Bay Co.	Provisions	4 40
213A	March, 1919	Colonist Printing & Publishing Co., Ltd.	Advertising	7 50
213A	March, 1919	Nelson News Publishing Co.	Advertising	6 12
213A	March, 1919	Macey Office Equipment Co.	Office furniture	2 70
213A	March, 1919	Vancouver Daily Sun	Advertising	6 30
213A	March, 1919	Vancouver World	"	6 90
213A	March, 1919	Vancouver Daily Province	"	16 35
213A	March, 1919	Times Printing & Publishing Co., Ltd.	"	14 70
214	March, 1919	Stewart, J.	Salary, etc.	47 08
216	Feb., 1915, March, 1919	Waterson, M. E.	Military pay	1,425 85

DEPARTMENT OF PUBLIC WORKS.

230	May, 1916-1919	Cranbrook Herald	Subscription	$ 6 00
230	March, 1919,	C.P.R. Telegraphs	Telegrams	5 74
232	Jan., Feb., March, 1919	G.T.P. Railway Co.	Telegrams	23 24
232	March, 1919	City of Prince Rupert	Electric light	6 10
232	March, 1919	Carruthers, A. L.	Travelling expenses	24 20
232	March, 1919	Pacific Cartage Co.	Freight and cartage	1 82
232	Feb., March, 1919.	McRae Bros.	Tracing-linen, etc	18 60
232	Feb., March, 1919.	Dominion Government Telegraphs	Telegrams	7 17
232	Jan.-March, 1919.	C.P. Railway Telegraphs	Telegrams	25 34
232	Jan.-March. 1919.	B.C. Telephone Co., Ltd.	Tolls	23 07
232	March, 1919	Phillips, A. McE.	Office furniture	10 00
232	March, 1919	Hargreaves, W	Auto supplies and repairs	3 45
232	March, 1919	Dalgleish, N. S	Repairs	50
232	Feb., March, 1919.	Johnston, H. L.	Expenses	30 75
232	Feb., March, 1919.	Phillip, P	Travelling expenses	33 90
232	Feb., March, 1919.	Okanagan Telephone Co.	Tolls	7 50
232	Feb., March, 1919.	Gwyer, W. K	Travelling expenses	79 35
232	Feb., March, 1919.	McEachern, M.	Services as Janitor	24 50
232	Feb., 1919	Steen & Longwill	Repairs	2 50
232	March, 1919	Albert & McCaffery	Coal	15 00
232	March, 1919	Postmaster, Prince Rupert	Postage	10 00
232	Feb., 1919	Imperial Oil Co., Ltd.	Gasolene	3 96
232	Feb., 1919	Maritime Motor Co.	Auto supplies and repairs	20 35
232	Jan.-March, 1919.	J. Z. Hall & Co., Ltd.	Rent	22 50
232	March, 1919	Postmaster, Vancouver	Postage	10 00
232	Jan., Feb., March, 1919	B.C. Telephone Co., Ltd.	Tolls	7 20
232	Feb., March, 1919.	Price, J. E	Cleaning offices	10 00
232	Feb., March, 1919.	Dominion Express Co.	Expressage	3 70
232	Jan.-March, 1919.	Ramsay, W.	Travelling expenses	96 40
232	Jan.-March, 1919.	Postmaster, Nelson	Postage	20 00
232	Jan.-March, 1919.	Gammon, G.	Auto licence	10 00
232	Jan.-March, 1919.	Parmley, R.	Expressage	6 20
232	Jan., 1919	Chislett, C. M.	Tire, etc	51 50
232	Feb., March, 1919.	Mitchell, J. R	Rent and light	52 00
232	Jan.-March, 1919.	Cummings, J. G.	Travelling expenses	103 50
232	March, 1919.	Postmaster, Cranbrook	Postage	8 00
232	Feb., March, 1919.	Kootenay Telephone Lines	Tolls	8 47
232	Feb., 1919	McKeen, W. A.	Repairs to tripod	2 25
232	Feb., 1919	Williams, G. B.	Gasolene	2 65
232	Feb., March, 1919.	City of Prince George	Electric light	2 05
232	Feb., March, 1919.	Yates, T	Launch-hire, etc	100 25
232	March, 1919	Postmaster, Kamloops	Postage	10 00
232	Feb., March, 1919.	Dixon, A	Expenses	105 65
232	March, 1919	Fort George and Alberta Telephone Co.	Rent	5 40
232	March, 1919	Postmaster, South Fort George	Postage	10 00
232	Feb., March, 1919.	Cooper, E. T.	Auto repairs	159 50
232	Feb., 1919	Hargreaves, W.	Auto supplies and repairs	60 20
232	March, 1919	Nelson Studio	Developing films	50
232	March, 1919	Invermere Contracting Co., Ltd.	Transportation	4 00
232	March, 1919	Worden, W. E.	Transportation, etc.	9 00
232	March, 1919	Smedley's Garage	Auto repairs	13 90
232	March, 1919.	Cranbrook Electric Light Co.	Light	1 00
232	March, 1919	Fort George Drug Co.	Photographic supplies	6 95
232	March, 1919.	Prince George Citizen	Paper	1 25
232	March, 1919	Brawn, H.	Wood	6 50
232	Jan.-March, 1919.	Simonson, J.	Developing films, etc.	4 40

STATEMENT OF PAYMENTS CHARGED AGAINST 1919-20 APPROPRIATIONS—*Continued.*

DEPARTMENT OF PUBLIC WORKS—*Continued.*

Vote No.	Date of Service.	Name.	Particulars.	Amount.
232	March, 1919	E. Hall & Son	Auto repairs	$103 60
233	March, 1919	Clark, J.	Travelling expenses	15 55
236	Dec., 1918	Hamilton, M. R.	Portraits	708 00
236	Feb.-March, 1919	B.C. Electric Railway Co.	Light	70 22
236	Feb., 1919	Victoria Gas Co.	Breeze and coke	65 00
236	Feb., 1919	The Uplands	Wood	31 50
236	March, 1919	Grant, W.	Labour	15 00
236	Jan., 1919	Hawkins & Hayward	Lamps, etc	18 15
236	Feb., 1919	C.P.R. Telegraphs	Telegrams	2 23
236	March, 1919	Evans, Coleman, Evans, Ltd.	Lime	15 50
236	March, 1919	Victoria Chemical Co., Ltd.	Seed	32 40
236	March, 1919	Mable, W.	Iron	6 50
236	March, 1919	Mackay & Gillespie	Coal	160 54
236	Feb., 1919	Irish Linen Stores	Sheets	55 80
236	Sept., 1918-March, 1919	B.C. Land & Investment Agency, Ltd	Rent	24 25
236	March, 1919	Brackman-Ker Milling Co	Seed	19 00
237	March, 1919	City of Victoria	Removing garbage	90 40
237	Oct., 1918	Reliable Transfer Co.	Cartage and freight	1 45
237	Feb., 1919	Victoria Steam Laundry	Laundry	2 86
237	March, 1919	Pacific Transfer	Haulage	243 00
237	March, 1919	Harkness & Son	Repairs	29 00
237	March, 1919	Woodward, A. J.	Seeds	10 50
238	Jan., 1919	Robertson, D.	Labour	31 50
238	Jan., 1919	Loughery, W. J.	Labour	6 50
238	July, 1917	Maple Ridge Lumber Co.	Lumber	301 63
238	July, 1918	G.T.P. Railway Co.	Freight	24 15
238	Feb., 1919	C.P.R. Railway Co.	Wire cable, etc	212 95
238	Dec. 1918	Williams, T.	Rent of barn	1 00
238	Dec., 1918	Cleasby, H. S.	Rent of barn	2 50
238	Oct., 1917	Gibson Mining Co.	Powder, caps, fuse	20 95
238	May, 1918	Islander Printers' Publishing Co.	Printing	9 80
238	Nov., 1913	Pay-list	Labour	54 00
238	March, 1919	Nelson Hardware Co.	Nails	96
238	Jan., 1919	Marine Navigation Co., Ltd	Transportation	75
238	Nov., 1918	Molyneaux, H.	Services	80 00
238	March, 1919	Stone, B.	Fares	14 50
238	March, 1919	Allcock, H.	Fares	14 50
238	May, 1917	Tyllier, S.	Labour	12 00
239	July, 1918	Hutchison, J. C.	Operating ferry	46 02
239	March, 1919	Review Publishing Co.	Advertising	11 20
239	March, 1919	Cariboo Observer	"	10 60
239	March, 1919	Kelowna Courier	"	8 88

(D.)

STATEMENT OF SPECIAL WARRANTS ISSUED BETWEEN THE SESSIONS OF 1919 AND 1920.

Date of Approval.	No. of Warrant.	Service.	Amount of Warrant.	Expenditure.
		TO MEET EXPENDITURE FOR THE FISCAL YEAR ENDING 31ST MARCH, 1920.		
		CURRENT ACCOUNT.		
		DEPARTMENT OF AGRICULTURE.		
Jan. 17, 1920	28	Inspection and fumigation of imported fruit, nursery stock, etc	$ 3,500 00	.....
Jan. 17, 1920	28	Agricultural Fairs, etc	3,000 00	.....
Jan. 17, 1920	28	Women's Institutes	3,500 00	$ 216 08
Jan. 28, 1920	36	Coast Markets Commissioner	500 00	.....
Jan. 28, 1920	36	Departmental exhibits	1,500 00	171 96
		DEPARTMENT OF THE ATTORNEY-GENERAL.		
June 24, 1919	1	Administration of "Prohibition Act"	3,000 00	603 50
Oct. 25, 1919	11	do "	2,000 00	1,214 66
Jan. 19, 1920	32	do "	1,500 00	308 25
Jan. 7, 1920	25	Land Registry Office, New Westminster	500 00	256 62
Jan. 7, 1920	25	Land Registry Office, Vancouver	500 00	.....
Jan. 7, 1920	25	Land Registry Office, Victoria	500 00	315 47
Jan. 7, 1920	25	Supreme and County Courts, Nelson	100 00	.....
Jan. 7, 1920	25	Supreme and County Courts, New Westminster	250 00	67 08
Jan. 7, 1920	25	Summoning and paying witnesses	2,500 00	1,306 67
Jan. 7, 1920	25	Paying Grand and Petit Jurors	5,250 00	5,244 67
Jan. 7, 1920	25	Special surveys	750 00	96 96
Jan. 7, 1920	25	Incidentals and contingencie	2,500 00	173 18
Jan. 17, 1920	29	Prosecutions and Interpreters	5,500 00	162 33
Oct. 3, 1919	8	Constitutional litigation and general law costs	20,000 00	16,001 83
Dec. 5, 1919	16	Motor-traffic regulation	7,000 00	6,801 30
June 28, 1919	2	Refund to daughters of John Charles Lual of moneys paid into Consolidated Revenue under the "Escheats and Forfeitures Act"	2,384 08	2,384 08
		DEPARTMENT OF EDUCATION.		
Jan. 27, 1920	35	Industrial education	6,000 00	.....
Jan. 26, 1920	33	Normal School, Victoria	2,500 00	2,433 30
July 28, 1919	5	Erection of new buildings and maintenance and repairs of school buildings.	20,000 00	.....
Oct. 30, 1919	12	Examination of teachers and High School Entrance classes	2,500 00	2,192 51
		DEPARTMENT OF FINANCE.		
Nov. 18, 1919	14	Inspector of Trust Companies, Probate and Succession Duties	3,625 00	1,947 30
July 8, 1919	4	"Riots Claims Settlement Act, 1919"	2,965 65	2,965 65
		DEPARTMENT OF LANDS.		
Dec. 23, 1919	21	General water surveys	15,000 00	4,190 35
Oct. 10, 1919	9	Well-drilling, salaries and expenses	5,000 00	5,000 00
Nov. 8, 1919	13	Well-drilling, salaries and expenses	5,000 00	3,517 58
Jan. 29, 1920	38	Land surveys	15,000 00	.....
Dec. 13, 1919	19	Gratuity to the widow of G. R. A. Ball, equivalent of 3 months' salary	270 00	270 00
		DEPARTMENT OF MINES.		
Jan. 12, 1920	26	Gratuity to the widow of John Newton, equivalent of 3 months' salary	630 00	630 00
Jan. 17, 1920	30	Grant to Vancouver Chamber of Mines *re* free lectures on mining industry.	2,500 00	2,500 00
		DEPARTMENT OF THE PROVINCIAL SECRETARY.		
Dec. 23, 1919	22	Provincial Library and Archives	300 00	167 76
Jan. 17, 1920	31	Provincial Library and Archives	1,295 00	878 79
Jan. 17, 1920	31	Gratuity to the widow of E. O. S. Scholefield, equivalent of 3 months' salary	705 00	705 00
Dec. 13, 1919	18	Colony Farm and Nursery	12,000 00	8,143 29
Jan. 28, 1920	37	Criminal Insane Hospital, Saanich	6,000 00	.....
Jan. 12, 1920	27	King's Printer	10,000 00	1,103 27
Jan. 7, 1920	24	Grant to University of British Columbia	103,000 00	.....
Jan. 7, 1920	24	Royal Commissions	5,000 00	.....
Dec. 9, 1919	17	Advances to Police Officers of the Government of the Colony of Hong Kong	1,000 00	835 00
Aug. 16, 1919	6	Expenditure under sections 4 and 7 of the "Public Libraries Act, 1919"	500 00	343 11
		DEPARTMENT OF PUBLIC WORKS.		
Dec. 23, 1919	23	General Office	2,000 00	1,357 33
Jan. 27, 1920	34	District Engineers	2,000 00	.....
Jan. 27, 1920	34	Maintenance of Parliament Buildings and Grounds	9,200 00	1,955 65
Oct. 20, 1919	10	Maintenance of Government House and Grounds	850 00	.....
		Carried forward	$301,074 73	$76,460 53

STATEMENT OF SPECIAL WARRANTS, 1919 AND 1920—*Concluded.*

Date of Approval.	No. of Warrant.	Service.	Amount of Warrant.	Expenditure.
		TO MEET EXPENDITURE FOR THE FISCAL YEAR ENDING 31ST MARCH, 1920.—*Concluded.*		
		CURRENT ACCOUNT.—*Concluded.*		
		DEPARTMENT OF PUBLIC WORKS.—*Concluded.*		
		Brought forward	$301,074 73	$76,460 53
Oct. 20, 1919	10	Refund to the Corporation of the Township of Chilliwhack of moneys advanced in April, 1919, in connection with the protection of the Vedder River	5,000 00	5,000 00
June 28, 1919	3	Claim of Laidlaw & Ritchie for additional stone-work, Court-house, Vernon, 1914	2,707 50	2,707 50
Sept. 30, 1919	7	Refund to Imperial Oil Co., Ltd., of moneys advanced in July, 1918, in connection with the construction of a wagon-road between Ioco and Port Moody	10,000 00	10,000 00
		DEPARTMENT OF RAILWAYS.		
Nov. 27, 1919	15	Fraser River Bridge, New Westminster	23,000 00	5,277 97
		CAPITAL ACCOUNT.		
Jan. 29, 1920	39	Addition to Government Buildings, Prince Rupert	1,400 00	.....
Dec. 17, 1919	20	Court-house and Police Building, Ocean Falls	1,800 00	196 70
			$344,982 23	$99,642 70

UNIVERSITY OF ILLINOIS LIBRARY
MAR 19 1921

(E.)

(1.)

STATEMENT SHOWING THE REVENUE FOR THE FIRST NINE MONTHS OF THE PRESENT FISCAL YEAR, VIZ., FROM 1ST APRIL TO 31ST DECEMBER, 1919.

Estimated for 12 Months ending 31st March, 1920.	Service.	Revenue for 9 Months ended 31st December, 1919.	
	CURRENT ACCOUNT.		
	Department of Agriculture:		
$ 22,000 00	Horticultural inspection fees and licences	$ 12,094 19	
31,000 00	Miscellaneous (including "Seed-grain Act, 1918")	13,553 17	
$ 53,000 00			$ 25,647 36
	Department of the Attorney-General:		
$ 1,500 00	Dog licences	$ 1,061 00	
50,000 00	Fees for incorporation of joint-stock companies, etc	63,352 36	
75,000 00	Fees, etc., under "Insurance Acts"	73,082 68	
17,500 00	Fees under "Moving Pictures Act"	10,773 18	
250,000 00	Fees under "Motor-traffic Regulations Act"	134,390 50	
35,000 00	Fines and fees of Court	31,813 04	
80,000 00	Game licences	108,334 00	
200,000 00	Land registry fees	253,743 49	
60,000 00	Law stamps	49,277 12	
25,000 00	"Prohibition Act," profit on liquor sold, April 1st-July 31st, 1919	102,250 38	
10,000 00	Reimbursements for keep of prisoners	4,360 42	
20,000 00	Trade licences	16,182 50	
1,500 00	Miscellaneous	5,143 37	
7,500 00	Sheriffs' fees	7,027 07	
$ 833,000 00			860,791 11
	Department of Finance:		
	Dominion of Canada:		
	Annual payment of:		
$ 29,151 06	Interest	$ 14,575 53	
180,000 00	Subsidy to Government and legislature	90,000 00	
313,984 00	Grant *per capita* on $392,480	156,992 00	
100,000 00	For lands conveyed	50,000 00	
$ 623,135 06		$ 311,567 53	
220,000 00	Amusements-tickets tax	223,728 40	
200,000 00	Coal and coke tax	110,134 33	
1,600,000 00	Income-tax	1,869,094 26	
	Land taxes:		
1,000,000 00	Real-property tax	1,032,413 93	
750,000 00	Wild land, coal and timber lands	1,027,655 44	
150,000 00	Mineral-tax	117,143 03	
750,000 00	Personal-property tax	862,933 22	
250,000 00	Poll-tax	206,620 00	
60,000 00	Taxes on unworked Crown-granted mineral claims	52,091 61	
500 00	Tax-sale deeds	80 00	
75,000 00	Interest (miscellaneous)	411,576 05	
210,000 00	Interest on investment of Sinking Funds	103,630 79	
19,080 07	Interest on fixed capital, "Dyking Assessment Adjustment Act, 1905"	19,080 07	
38,000 00	Rents	11,657 70	
4,500 00	Revenue Service refunds	17,642 87	
3,000 00	Sale of Government property	423 05	
75,000 00	Probate fees	63,716 40	
300,000 00	Succession duties	282,857 42	
30,000 00	Miscellaneous	66,020 70	
.....	Rural district school tax	209,134 82	
$ 6,358,215 13			6,999,201 62
	Department of Fisheries:		
$ 36,000 00	Fishery and cannery licences	.....	35,779 46
	Department of Lands:		
$ 2,500 00	Grazing rentals	.....	
50,000 00	Land sales	$ 238,815 69	
75,000 00	Land revenue	59,355 03	
500 00	Survey fees	6,035 87	
100 00	Rents (exclusive of land)	.....	
1,150,000 00	Timber licences	990,169 05	
$ 1,278,100 00	*Carried forward*	$ 1,294,375 64	$ 7,921,419 55

STATEMENT OF REVENUE FOR THE FIRST NINE MONTHS OF THE PRESENT FISCAL YEAR—*Continued.*

Estimated for 12 Months ending 31st March, 1920.	Service.	Revenue for 9 Months ended 31st December, 1919.	
	CURRENT ACCOUNT—*Continued.*		
$ 1,278,100 00	*Brought forward*	$ 1,294,375 64	$ 7,921,419 55
	Department of Lands—*Continued.*		
65,000 00	Timber leases	48,055 42	
585,000 00	Timber royalty	623,457 90	
150,000 00	Timber sales	193,465 65	
45,000 00	Log-scaling fees	49,781 43	
50,000 00	Water rentals	22,077 72	
5,000 00	Water recording fees	2,968 62	
1,500 00	Sale of maps, etc.	615 33	
5,000 00	Miscellaneous	24,619 32	
$ 2,184,600 00			2,259,417 03
	Department of Labour:		
$ 35,000 00	Grant from Dominion Government	.....	....
	Legislation:		
$ 2,000 00	Private Bills fees	....	.....
	Department of Mines:		
$ 1,000 00	Bureau of Mines	$ 1,039 94	
1,000 00	Fees for coal-mine managers' and coal-miners' examinations and certificates	783 00	
57,000 00	Free miners' certificates	55,759 05	
67,000 00	Mining receipts, general	59,301 85	
.....	Miscellaneous	525 00	
$ 126,000 00			117,408 84
	Department of the Provincial Secretary:		
$ 5,000 00	Colony Farm	$ 9,317 76	
60,000 00	Mental Hospitals	68,046 20	
6,000 00	Provincial Home	7,079 19	
2,500 00	Fees for teachers' examinations and certificates	2,120 15	
1,000 00	Sale of text-books	1,069 89	
160,000 00	Printing Office	110,468 04	
14,000 00	Marriage licences	16,095 00	
3,000 00	Vital statistics	3,083 14	
.....	Copies of voters' lists	197 33	
175 00	Hospital licences	185 00	
2,000 00	Notaries Public and Commissioners' fees	3,024 40	
1,000 00	Miscellaneous	1,902 75	
$ 254,675 00			222,588 85
	Department of Public Works:		
$ 27,000 00	Boiler inspection and examination fees	$ 24,042 04	
5,000 00	Electrical energy inspection	14,754 15	
4,000 00	Sale of Government property	2,614 57	
5,000 00	Wharfage and dock dues	2,682 54	
25,000 00	Ferry tolls, etc.	5,877 85	
.....	Miscellaneous	1,586 32	
$ 66,000 00			51,557 47
	Department of Railways:		
$ 36,900 00	Traffic tolls, New Westminster Bridge, etc.	$ 33,775 85	
.....	Miscellaneous	3,286 75	
$ 36,900 00			37,062 60
$ 9,985,390 13	Total, Current Account	.....	$10,609,454 34
	CAPITAL ACCOUNT.		
$ 224,570 00	Songhees Reserve	.....	....
$10,209,960 13	Total Revenue	.....	$10,609,454 34

(E.)

(2.)

STATEMENT SHOWING THE EXPENDITURE FOR THE FIRST NINE MONTHS OF THE PRESENT FISCAL YEAR, VIZ., FROM 1ST APRIL TO 31ST DECEMBER, 1919

Estimated for 12 Months ending 31st March, 1920.	No. of Vote.	Service.	Expenditure for 9 Months ended 31st December, 1919.	
		CURRENT ACCOUNT.		
$ 1,412,050 62	1	Public Debt		$1,260,584 68
$ 100,000 00	2	Legislation		6,083 90
$ 13,430 00	3	Premier's Office		8,577 33
		Department of Agriculture:		
$ 11,140 00	4	Minister's Office	$ 8,186 13	
43,144 00	5	General Office	28,478 99	
66,900 00	6–11	Horticultural Branch	41,646 83	
35,780 00	12	Live Stock Branch	25,874 82	
4,120 00	13	Statistics	429 36	
110,250 00	14–32	Miscellaneous grants, etc.	82,187 18	
.....	.....	Statutory	72 35	
$ 271,334 00				186,875 66
		Department of the Attorney-General:		
$ 11,520 00	33	Attorney-General's Office	$ 7,011 61	
29,610 00	34	General Office	22,250 49	
14,490 00	35	Joint-stock Companies and Insurance Branch	9,329 37	
6,335 00	36	Municipal Branch	4,552 89	
14,112 00	37	Censor of Moving Pictures	7,316 21	
45,950 00	38	Administration of "Prohibition Act"	12,371 02	
8,830 00	39	Sheriff's Office, Vancouver	5,498 39	
132,446 00	40–45	Land Registry Offices	95,394 09	
67,234 00	46–53	Supreme and County Courts	44,343 68	
278,220 00	54	Provincial Police	156,635 57	
72,522 00	55–56	County Gaols	36,470 13	
63,253 00	57–58	Industrial Schools	34,164 91	
14,500 00	59	"Infants' Act" and Refuge Homes	9,965 34	
158,800 00	60–75	Miscellaneous	136,241 00	
.....	.....	Statutory and Special Warrants	13,366 51	
$ 917,822 00				594,911 21
		Department of Education:		
$ 22,034 00	76	General Office	$ 14,330 63	
73,756 00	77	Free Text-book Branch	52,281 30	
44,765 00	78–79	Agricultural and Industrial Education	39,500 61	
43,440 00	80	Inspection of Schools	38,123 38	
59,045 00	81–82	Normal Schools	48,113 20	
14,000 00	83	Education of Deaf, Dumb, and Blind	11,185 96	
1,010,000 00	84–86	*Per capita* Grants to Cities, Municipalities, and Rural School Districts	733,030 45	
425,000 00	87–88	Salaries of Teachers	289,634 85	
152,500 00	89–94	Miscellaneous	73,793 66	
.....	.....	Statutory	317,553 44	
$ 1,844,540 00				1,617,547 48
		Department of Finance:		
$ 10,900 00	95	Minister's Office	$ 7,916 15	
24,000 00	96	General Office	16,335 45	
11,300 00	97	Inspector of Trust Companies, Probate and Succession Duties	11,223 14	
42,700 00	98	Controlling and Audit Branch	34,107 47	
62,140 00	99	Surveyor of Taxes	26,726 85	
7,500 00	100	Bureau of Information	6,485 99	
76,965 50	101	Agent-General's Office, London, England	48,861 63	
386,132 00	102–143	Government Agents and Assessors, etc.	229,398 25	
105,640 00	144–150	Miscellaneous	54,869 71	
.....	.....	Statutory	59,817 99	
$ 727,277 50				495,742 63
$ 5,286,454 12		*Carried forward*		$4,170,322 89

STATEMENT OF EXPENDITURE FOR THE FIRST NINE MONTHS OF THE PRESENT FISCAL YEAR—*Continued.*

Estimated for 12 Months ending 31st March, 1920.	No. of Vote.	Service.	Expenditure for 9 Months ended 31st December, 1919.	
		CURRENT ACCOUNT—*Continued.*		
$ 5,286,454 12		*Brought forward*	.....	$4,170,322 89
16,955 00	151	Department of Fisheries	.....	12,684 31
.....	Stat.	Department of Industries	.....	3,898 54
		Department of Lands:		
$ 12,555 00	153	Minister's Office	$ 9,794 20	
85,792 00	154	General Office (Salaries)	78,432 44	
7,744 00	155	Lands Branch (Salaries)	6,769 40	
135,656 00	156	Forest Branch (Salaries)	66,403 83	
39,840 00	157	Water Branch (Salaries)	25,096 04	
42,864 00	158	Survey Branch (Salaries)	40,578 98	
4,380 00	159	Grazing Commission (Salaries)	3,335 00	
6,360 00	159A	B.C. Soldier Settlement (Salaries)	3,525 00	
7,500 00	160	Temporary assistance (Salaries)	3,712 22	
135,110 00	161	Expenses (General Office and Branches)	38,351 00	
388,200 00	162–176	Miscellaneous	265,844 30	
.....	.....	Statutory and Special Warrants	15,401 65	
$ 866,001 00				557,244 06
		Department of Labour:		
$ 17,500 00	177	General Office	$ 7,845 28	
8,220 00	178	Minimum Wage Board	5,048 99	
78,160 00	179–188	Employment Bureaus	26,962 36	
$ 103,880 00				39,856 63
		Department of Mines:		
$ 9,895 00	189	Minister's Office	$ 7,502 86	
17,660 00	190	General Office	13,475 39	
38,180 00	191	Mines Inspection Branch	22,795 94	
15,494 00	192	Bureau of Mines	9,367 54	
16,970 00	193	Mine-rescue and Training Stations	9,358 74	
160,000 00	194–196	Miscellaneous	83,723 22	
72,039 89	.....	Statutory	22,619 71	
$ 330,238 89				169,343 40
		Department of the Provincial Secretary:		
9,390 00	197	Minister's Office	$ 6,944 63	
11,802 00	198	General Office	8,576 41	
46,774 00	199	Provincial Board of Health	23,974 59	
18,996 00	200	Provincial Library and Archives	18,774 25	
8,400 00	201	Provincial Museum	5,675 61	
499,148 00	202–204	Mental Hospitals	351,022 84	
31,370 00	205	Criminal Insane Hospital, Saanich	24,798 49	
37,937 00	206	Provincial Home, Kamloops	23,785 63	
565,050 00	207–212	Grants to Hospitals and Charities	263,764 02	
161,193 00	213	King's Printer	127,817 05	
17,320 00	213A	Civil Service Commission	9,161 18	
924,500 00	214–229	Miscellaneous	417,347 81	
.....	S.W. No. 6	"Public Libraries Act"	213 56	
$ 2,331,880 00				1,281,856 07
		Department of Public Works:		
$ 10,420 00	230	Minister's Office	$ 8,536 26	
43,924 00	231	General Office	36,815 06	
42,620 00	232	District Engineers	27,277 53	
52,857 00	233	Steam-boiler Inspection	27,589 98	
6,730 00	234	"Electrical Energy Inspection Act"	2,279 02	
7,433 00	235	"Factories Act"	3,716 33	
16,836 00	236	Maintenance of Government House and Grounds	13,745 49	
104,740 00	237	Maintenance of Parliament Buildings and Grounds	87,825 95	
1,613,879 00	238	Roads, Streets, Bridges, and Wharves	1,237,066 23	
193,435 00	239	Steamboats, Ferries, and Bridge-tenders	74,258 09	
.....	.....	Special Warrants	15,000 00	
$ 2,092,874 00				1,534,109 94
$ 42,830 00	240–240A	Department of Railways	.....	37,090 59
$11,071,113 01		Current expenditures chargeable to Income—*Carried forward*	.....	$7,806,406 43

STATEMENT OF EXPENDITURE FOR THE FIRST NINE MONTHS OF THE PRESENT FISCAL YEAR—*Continued.*

Estimated for 12 Months ending 31st March, 1920.	No. of Vote.	Service.	Expenditure for 9 Months ended 31st December, 1919.	
$11,071,113 01		Current expenditures chargeable to Income—*Brought forward*	.....	$7,806,406 43
		CAPITAL ACCOUNT.		
		(Expenditures out of Income.)		
830,790 00	241	Sinking Funds	$ 837,063 39	
907,200 00	242	Pacific Great Eastern Railway Co. (interest on Guaranteed Bonds)	441,834 81	
9,700 00	243	B.C. House, London, England	4,850 00	
50,000 00	244	Songhees Reserve	135 00	
200,000 00	245	Johnson Street Bridge, Victoria	.....	
93,300 00	246	Roads, Streets, Bridges, and Wharves	34,663 35	
75,000 00	247	Boys' Industrial School, Vancouver	.....	
3,000 00	248	Office Building and Residence, Hope	129 65	
3,000 00	249	Addition to Government Buildings, Prince Rupert	2,600 31	
7,000 00	250	Court-house and Police Building, Ocean Falls	7,196 70	
3,500 00	251	Police Station and Quarters, Bridge Crossing	.....	
2,500 00	252	Police Station and Quarters, Yahk	1,285 00	
5,000 00	253	Police Stations and Quarters at other points	4 20	
37,500 00	254	Mental Hospital, Essondale	906 44	
14,700 00	255	Colony Farm, Essondale	7,629 70	
.....	S.W. No. 3	Court-house, Vernon	2,707 50	
.....		Capital expenditures charged to Income	.....	$1,341,006 05
$13,313,303 01		Total expenditures charged to Income	.....	$9,147,412 48

(E.)

(3.)

STATEMENT SHOWING EXPENDITURES AND ADVANCES OUT OF MONEYS RAISED BY LOAN UNDER AUTHORITY OF THE LEGISLATURE FOR SPECIFIC PURPOSES, 1ST APRIL TO 31ST DECEMBER, 1919.

Nature of Expenditure.	Service.	Expenditure for 9 months ended 31st December, 1919.
	CAPITAL ACCOUNT.	
	Loan Act, 1916.	
Loan	Pacific Great Eastern Railway Co	$ 1,780,000 00
	Loan Act, 1917.	
Advances for farm loans; repayments periodically. Advances for purchase and development of lands; repayments contingent upon sales	Land Settlement Board	785,433 21
	Better Housing Act, 1919.	
Advances for housing loans to returned soldiers; repayments periodically	Cities and Municipalities	352,300 00
	Loan Act, 1919.	
Construction and material improvements	Trunk Roads and Bridges	455,916 19
Advances for purchase and development of lands; repayments contingent upon sales	"Soldiers' Land Act, 1918"	93,755 81
Permanent advance to Fund for expenditures and loans in connection with conservation of water and drainage of land; repayments to Fund periodically	Conservation Fund	100,000 00
	"Industrial Development Act, 1919."	
Permanent advance to Fund for loans to aid in establishment and development of industries	Industrial Development Fund	50,000 00
	Total	$ 3,617,405 21

VICTORIA, B.C.:
Printed by WILLIAM H. CULLIN, Printer to the King's Most Excellent Majesty.
1920.

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ANNUAL REPORT

OF THE

MINISTER OF LANDS

OF THE PROVINCE OF

BRITISH COLUMBIA

FOR THE

YEAR ENDING 31ST DECEMBER

1919

PRINTED BY
AUTHORITY OF THE LEGISLATIVE ASSEMBLY.

VICTORIA, B.C.:
Printed by WILLIAM H. CULLIN, Printer to the King's Most Excellent Majesty.
1920.

VICTORIA, B.C., February 5th, 1920.

To Colonel the Honourable EDWARD GAWLER PRIOR,

A Member of the King's Privy Council for Canada,

Lieutenant-Governor of the Province of British Columbia.

MAY IT PLEASE YOUR HONOUR:

Herewith I beg respectfully to submit the Annual Report of my Department for the year ending December 31st, 1919.

T. D. PATTULLO,

Minister of Lands.

VICTORIA, February 5th, 1920.

The Honourable T. D. Pattullo,
Minister of Lands, Victoria, B.C.

SIR,—I have the honour to submit the Annual Report of the Department of Lands for the twelve months ending December 31st, 1919.

I have the honour to be,
Sir,
Your obedient servant,

G. R. NADEN,
Deputy Minister of Lands.

PART I.

DEPARTMENT OF LANDS.

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DEPARTMENT OF LANDS.

REPORT OF OFFICE STATISTICS.

VICTORIA, B.C., February 5th, 1920.

G. R. Naden, Esq.,
Deputy Minister of Lands, Victoria, B.C.

SIR,—I have the honour to submit the following statements of the business transacted by the Lands Branch of the Department of Lands in the administration of Crown lands of the Province during the year 1919:—

(1.) Statement showing the number of pre-emption records, certificates of improvement, and certificates of purchase issued and the area of surveyed and unsurveyed lands sold:

(2.) Statement of Crown grants issued, divided into different classes, showing the total acreage of Crown-granted pre-emptions, mineral claims, and purchased lands:

(3.) Statement of coal-prospecting licences, coal leases, and sundry leases issued, showing the approximate area thereof and the fees and rentals collected:

(4.) Statement of the number of pre-emptions inspected in the various land recording districts:

(5.) Statement showing the revenue received by the Lands Branch, Victoria, from various sources:

(6.) Summary of the various transactions embodied in the above statements from the years 1907 to 1919, inclusive, including the letters received and sent.

Auction sales were held of lots belonging to the Crown in the townsites of Smithers, Vanderhoof, Burns Lake, and Telkwa. Sales were made as follows:—

Smithers, 251 lots offered; 54 sold for $8,490.
Vanderhoof, 57 lots offered; 4 sold for $925.
Burns Lake, 57 lots offered; 35 sold for $4,560.
Telkwa, 120 lots offered; 53 sold for $3,730.

I have, etc.,
H. CATHCART,
Superintendent of Lands.

PRE-EMPTION RECORDS, ETC., 1919.

Agency.	Pre-emption Records.	Certificates of Improvement.	Certificates of Purchase.
Alberni	26	7	34
Atlin	....	....	....
Cariboo	279	39	48
Cranbrook	33	22	17
Fernie	2	2	8
Fort Fraser	391	43	84
Fort George	371	39	52
Golden	4	7	8
Kamloops	59	9	15
Lillooet	127	57	50
Nanaimo	2	2	6
Nelson	15	2	22
New Westminster	2	2	15
Nicola	17	26	12
Omineca	144	12	86
Osoyoos	9	4	15
Revelstoke	1	1	1
Similkameen	41	13	35
Skeena	39	13	19
Slocan	....	1	12
Stikine	....	....	....
Vancouver	133	22	58
Victoria	40	1	147
Yale	17	2	3
Totals	1,752	326	747

LAND-SALES, 1919.

	Acres.
Surveyed (first class)	1,096.00
„ (second class)	6,025.57
	7,121.57
Unsurveyed	290.80
Total	7,412.37

CROWN GRANTS ISSUED, 1919.

Pre-emptions	514
"Pre-emptors' Free Grants Act"	625
Purchase	79
Minerals	241
"Soldiers' Homestead Act"	223
Town lots	65
Reverted lands	9
Reverted minerals	15
"Townsite Proportionate Allotment Act"	22
"Dyking Assessments Act"	3
Miscellaneous	8
"Schools Act"	2
Crown grants written up	1,806
Applications for grants	2,282
Certified copies of counterfoils	11

TOTAL ACREAGE DEEDED.

Pre-emptions	181,236.68
Minerals	7,728.46
Purchase surveyed	20,429.96
Purchase unsurveyed	303,449.77
Total acreage deeded	512,844.87

REPORT ON COAL LICENCES, LEASES, ETC., 1919.

COAL-PROSPECTING LICENCES.

Number of Licences issued.	Fees.	Penalties.	Lieu-of-work Fees.	Total.	Area.
112	$13,200 00	$125 00	$1,275 00	$14,600 00	Acres. 71,680

COAL LEASES.

Number of Leases issued.	Fees.	Rentals.	Lieu-of-work Fees.	Total.	Area.
1	$3,400 00	$13,814 39	$100 00	$17,314 39	Acres. 640

SUNDRY LEASES.

Number of Leases issued.	Fees.	Rentals.	Total.	Area.
51	$255 00	$36,787 13	$37,042 13	Acres. 5,231

PRE-EMPTIONS INSPECTED IN 1919.

Alberni	7
Atlin	..
Cariboo	2
Cranbrook	144
Fernie	23
Fort Fraser	14
Fort George	115
Golden	17
Kamloops	55
Lillooet	118
Nanaimo	..
Nelson	29
New Westminster	1
Nicola	..
Omineca	14
Osoyoos	16
Revelstoke	..
Similkameen	66
Skeena	31
Slocan	21
Stikine	..
Vancouver	33
Victoria	15
Yale	3
Total	724

STATEMENT OF REVENUE.

Months.	Pre-emption Records.	Certificates of Improvement.	Crown-grant Fees.	Survey Fees.	Rent of Land.	Coal-prospecting Licences.	Land-sales.	Miscellaneous.	Total.
January	....	$2 00	$ 1,050 00	.....	$ 1,355 09	$ 1,900 00	$ 2,815 55	$105 83	$ 7,228 47
February	$2 00	2 00	600 00	.....	11,170 00	1,400 00	173 90	89 75	13,437 65
March	....	....	835 00	.....	7,719 85	2,300 00	1,013 83	132 14	12,000 82
April	2 00	....	1,170 00	.....	2,227 40	200 00	2,307 36	201 58	6,108 34
May	....	....	850 00	$173 25	1,561 90	500 00	11,618 04	120 90	14,824 09
June	....	2 00	610 00	394 00	3,879 44	.....	4,940 98	104 30	9,930 72
July	....	....	2,020 00	.....	1,956 65	1,400 00	70,913 06	193 95	76,483 66
August	....	2 00	920 00	100 00	4,242 30	200 00	4,816 57	138 30	10,419 17
September	....	....	1,050 00	38 75	4,095 84	1,400 00	6,232 60	149 64	12,966 83
October	....	....	885 00	.....	9,645 73	2,100 00	54,477 77	244 60	67,353 10
November	2 00	....	1,355 00	468 35	3,581 35	700 00	1,262 43	21 15	7,390 28
December	....	....	1,965 00	742 55	4,320 97	1,100 00	5,146 15	53 45	13,328 12
Totals	$6 00	$8 00	$13,310 00	$1,916 90	$55,756 52	$13,200 00	$165,718 24	1,555 59	$251,471 25

SUMMARY.

	1907.	1908.	1909.	1910.	1911.	1912.	1913.	1914.	1915.	1916.	1917.	1918.	1919.
Pre-emption records	936	1,535	1,620	2,049	2,383	3,655	3,855	4,304	2,277	1,167	824	823	1,752
Certificates of improve't	262	256	289	439	624	715	962	1,002	665	465	541	379	326
Certificates of purchase	3,205	2,438	4,363	9,031	7,141	5,065	3,640	1,805	990	729	778	592	747
Crown grants	1,520	1,667	1,714	1,572	2,566	2,737	2,110	1,376	718	847	1,167	1,512	1,806
Total acreage deeded	599,419.57	253,541.95	326,229.54	300,587.79	524,325.99	253,143.60	390,036.32	245,244.78	75,225.00	98,452.00	187,111.64	260,321.40	512,844.87
Coal prospecting licences	426	479	692	145	2,223	2,003	1,090	545	198	120	71	72	112
Sundry leases	155	36	83	92	121	47	46	51	38	86	73	83	51
Coal leases	.....	.....	.....	.....	.....	75	207	71	29	31	7	3	1
Cash received	$2,088,923.79	$3,065,164.43	$4,148,403.44	$3,190,416.21	$3,526,544.61	$2,525,497.29	$946,944.23	$589,687.36	$126,308.28	$159,213.65	$194,435.17	$369,392.51	$251,471.25
Letters received	29,430	33,629	25,798	37,188	41,946	43,302	31,738	30,287	19,151	13,779	15,780	22,500	*53,835
Letters sent	.....	.....	.....	.....	23,568	21,612	17,305	14,790	10,104	8,432	12,632	12,500	18,063

* This includes total letters received by entire Department.

REPORT OF THE SUPERINTENDENT OF BRITISH COLUMBIA SOLDIER SETTLEMENT.

VICTORIA, B.C., February 4th, 1920.

G. R. Naden, Esq.,
Deputy Minister of Lands, Victoria, B.C.

SIR,—I have the honour to submit herewith summary of operations for the year 1919 under the "Soldiers' Land Act," chapter 80 of the Statutes of British Columbia, 1918; the "Soldiers' Land Act Amendment Act, 1919," chapter 76 of the Statutes of British Columbia, 1919; and the "Better Housing Act," chapter 8 of the Statutes of British Columbia, 1919.

SOUTH OKANAGAN PROJECT.

The Engineer in charge of the development of this 22,000-acre tract reports that levels have been run throughout the valley; reservoir-sites have been surveyed; and eight miles, or 95 per cent., of the first unit of the main irrigation-canal has been excavated.

A demonstration plot of approximately 16 acres has been established. Four acres have been planted in large and small fruits and temporary irrigation arrangements have been made. A portion of the upper bench has been seeded with clover, timothy, and alfalfa, while 6 acres of the lower bench have been cleared ready for ploughing. The area has been fenced and a cottage built.

A nursery of 10 acres adjoining the demonstration plot also has been provided, from which the settlers may obtain stock true to name at cost, and 20,000 seedlings have been ordered for this work.

SOUTH VANCOUVER HOUSING.

In South Vancouver, where land was purchased for the erection of soldiers' homes, eight houses have been completed and have been occupied for some time.

EXPENDITURE.

South Okanagan Project—	
Land purchase	$350,000 00
Development expenses	160,540 71
Demonstration plot and nursery	7,330 70
South Vancouver—	
Land purchase	4,867 78
Cost of houses	16,780 42
Stuart River lands—	
Cost of survey	11,337 57
Total	$550,857 18

AREAS OF LAND RESERVED.

Lots 1346, 1347, 1348, 1349, 2909, and 2910, Kamloops Division of Yale District, which were reserved for administration under the "Soldiers' Land Act" by Order in Council approved under date of June 27th, 1918, have been resurveyed as Lots Nos. 4281 to 4285 and 4287 to 4289 (both inclusive), Kamloops Division of Yale District, and Lots 600 to 603 (inclusive), Yale Division of Yale District, each consisting of approximately 160 acres, and were opened for pre-emption by returned soldiers only.

The following areas of land have been reserved for returned soldiers who have applied for loans to the Soldiers' Settlement Board at Ottawa:—

Lots 4235, 2006, N.E. ¼ of Lot 707, and N.W. ¼ of Lot 2549, Range 5, Coast District; Block A of Lot 28, Otter District; S.W. ¼ of Lot 4088, Lillooet District; N.W. ¼ of Lot 3183, W. ½ of Lot 8284, S.W. ¼ of Lot 3802, N.E. ¼ of Lot 3958, Fractional S.E. ¼ of Lot 1554, Fractional S.E. ¼ of Lot 3592, and S. ½ of S. ½ of Lot 4630, Cariboo District; W. ½ of N.E. ¼ of Section 4, and W. ½ of S.E. ¼ of Section 9, Township 6, Osoyoos Division of Yale District.

"BETTER HOUSING ACT."

During the session of the Legislative Assembly of 1919 the "Better Housing Act," chapter 8 of the Statutes of 1919, was passed, which empowers the Province to borrow from the Dominion Government for the purpose of providing better housing accommodation a sum not exceeding $1,500,000, bearing interest at a rate not exceeding 5 per centum per annum, which Act also

makes provisions for the administration of the loan. On May 1st, 1919, an agreement was entered into between the Dominion Government and the Government of this Province in respect of the loan and embodying certain regulations of the Dominion Government.

It was considered that the respective City or Municipal Councils could best deal with the administration of the loan within their own city or municipality; consequently a Provincial-Municipal agreement was issued setting out the conditions and regulations under which the loan should be administered by the cities and municipalities, the principal features of which are:—

(1.) That the city or municipality shall not build a house or make a loan to any person other than a soldier who was resident in the Province at the time of enlistment, until such time as all pending applications from soldiers have been satisfactorily dealt with, and that adequate funds will be held in abeyance in order to provide for all applications which may be reasonably expected to be received from soldiers who have not already made application.

(2.) Provincial Government free grant of $300 to such soldiers, provided they occupy the house acquired under the said loan for a period of ten years and comply with other terms of the agreement.

(3.) Payments to be made monthly and amortized over a period of twenty years with interest not exceeding 5 per centum per annum.

Originally an equal distribution of the fund was made according to population, and the various cities and municipalities advised as to the amount of their respective allotments. Owing to the fact of a number of the smaller municipalities advising that they had no requirements for additional housing, it has been possible to increase the amount to those municipalities whose original allotment was not sufficient to meet their requirements.

The allotments to date are as follows, and in respect of which agreements have been duly executed:—

Municipality.	Allotment.	
Chilliwack	$ 6,000	
Esquimalt	25,000	
Kamloops	60,000	
Langley	7,500	
New Westminster	60,000	
North Vancouver (City)	55,000	
North Vancouver (District)	44,500	
Penticton	23,000	
Point Grey	54,000	
Port Coquitlam	10,150	
Prince George	26,000	
Prince Rupert	100,000	
Saanich	45,000	
South Vancouver	65,000	
Trail	21,000	
Vancouver	300,000	
Victoria	180,000	
		$1,082,150 00

The following municipalities have under consideration agreements for the amounts set opposite their respective names, which will in all probability be executed in the near future:—

Municipality.	Allotment.	
Burnaby	$ 36,000	
Kelowna	30,000	
Nanaimo	34,000	
Oak Bay	25,000	
Revelstoke	10,500	
		135,500 00
Total		$1,217,650 00
Still leaving available out of the total allotment of $1,500,000 the sum of..		282,350 00
		$1,500,000 00

Before the loan referred to above was available from the Dominion Government, the Government of this Province made arrangements to provide homes for a number of returned soldiers in South Vancouver, in respect of which eight houses were under construction up to the time the Dominion loan was available, when the administration in South Vancouver was handed over to the municipality. These eight houses have been completed and occupied for some time. In this respect the following summary is self-explanatory:—

Summary in respect of Eight Houses built in South Vancouver during the Summer of 1919.

Type No. 5.—Bungalow, with kitchen, pantry, dining-room, living-room with fireplace, two bedrooms with clothes cupboards, bath-room, and basement 25 x 15 feet.

Three contracts, signed June 2nd, 14th, and 23rd, the highest of which is $2,435, plus cost of lots, $187.22, making a total of $2,622.22, less Provincial Government rebate of $300, equals $2,322.22, less $50 (first deposit), leaving a balance of $2,272.22, payable in twenty years in monthly amortized payments:—

Amount of annual payment, $182.33, or monthly	$15 20
Administration charge, $11.62, or monthly	97
Insurance ($^1/_{36}$ x $38.96), or monthly	1 09
Taxes ($^1/_{12}$ x $55.55), or monthly	4 63
Total	$21 89

Type No. 6.—Story-and-a-half cottage. First floor, kitchen, pantry, dining-room, and living-room with fireplace; second floor, three bedrooms with clothes cupboards and bath-room.

Two contracts, signed April 28th, each $2,337.50, plus cost of lots, $187.22, making a total of $2,524.72, less Provincial Government rebate of $300, equals $2,224.72, less $50 (first deposit), leaving a balance of $2,174.72, payable in twenty years in monthly amortized payments:—

Amount of annual payment, $174.51, or monthly	$14 55
Administration charge, $11.13, or monthly	93
Insurance ($^1/_{36}$ x $30.39), or monthly	85
Taxes ($^1/_{12}$ x $50.50), or monthly	4 21
Total	$20 54

Type No. 8.—Bungalow, with kitchen, pantry, dining-room, living-room with fireplace, two bedrooms with clothes cupboards, bath-room, and basement 18 x 26 feet.

One contract, signed May 29th, for $2,670, plus cost of lots, $187.22, making a total of $2,857.22, less Provincial Government rebate of $300, equals $2,557.22, less $107.22 (first deposit), leaving a balance of $2,450, payable in twenty years in monthly amortized payments:—

Amount of annual payment, $196.60, or monthly	$16 38
Administration charge, $12.80, or monthly	1 07
Insurance ($^1/_{36}$ x $42.72), or monthly	1 19
Taxes ($^1/_{12}$ x $59), or monthly	4 92
Total	$23 56

Type No. 9.—Bungalow, with kitchen, built-in cupboards, dining-room, living-room with fireplace, two bedrooms with clothes cupboards, bath-room, and basement 25 x 15 feet.

One contract, signed July 19th, for $2,662, plus cost of lots, $187.22, making a total of $2,849.22, less rebate of $300, equals $2,549.22, less $50 (first deposit), leaving a balance of $2,499.22, payable in twenty years in monthly amortized payments:—

Amount of annual payment, $200.54, or monthly	$16 72
Administration charge, $12.75, or monthly	1 07
Insurance ($^1/_{36}$ x $45.25), or monthly	1 26
Taxes ($^1/_{12}$ x $56), or monthly	4 67
Total	$23 72

Type No. 12.—Three-roomed cottage, with kitchen, built-in cupboard, living-room with fireplace, one bedroom with clothes cupboard, bath-room, and basement 28 x 10 feet.

Contract price, $2,135, plus cost of lots, $187.22, making a total of $2,322.22, less Provincial Government rebate of $300, equals $2,022.22, less $50 (first deposit), leaving a balance of $1,972.22, payable in twenty years in monthly amortized payments:—

Amount of annual payment, $158.25, or monthly	$13 19
Administration charges, $10.11, or monthly	84
Insurance ($\frac{1}{36}$ x $34.16), or monthly	95
Taxes ($\frac{1}{12}$ x $47), or monthly	3 92
Total	$18 90

I have, etc.,
J. W. CLARK,
Superintendent, B.C. Soldier Settlement.

PART II.

SURVEY BRANCH.

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REPORT OF THE SURVEYOR-GENERAL.

January 2nd, 1920.

To the Hon. T. D. Pattullo,
Minister of Lands, Victoria, B.C.

Sir,—I have the honour to submit the following report of the Survey Branch of the Department of Lands for the year ending December 31st, 1919:—

The appropriation for Crown land surveys for the fiscal year ending March 31st, 1920, is $110,000, as compared to $70,000 for the previous year. This has permitted the Branch to carry on a slightly more extensive survey programme during the past season.

This year was the first to be affected by post-war conditions, and it has been the aim of the Branch to so conduct its business as to assist as much as possible in reconstruction and the rehabilitation of the returned men, and at the same time to maintain a proper standard of efficiency. The field force consisted of twenty-seven surveyors employed for various periods ranging from one to five months. Of these, twenty-two or over 80 per cent., were returned soldiers; the remainder being men previously employed in the same districts, and it was considered in the interests of the public and the Department that they should be employed to carry on the work on which they had been previously engaged, and concerning which they had valuable personal knowledge.

The total number of men engaged on the various parties was 198, and of these 136 were returned soldiers. The majority of the remainder were men employed for short periods only and were obtained locally from time to time as required. It is gratifying to know that, with very few exceptions, surveyors report that the work of these returned men has been very highly satisfactory.

Crown Land Surveys.

The area of Crown land surveyed totals 119,892 acres. A large portion of the field-work consisted of the survey of lands already held under pre-emption record, and it was possible this year to survey practically all the outstanding unsurveyed pre-emptions in nearly all the more accessible areas throughout the Province. As under the amendment of the "Land Act" of 1918 the pre-emption of unsurveyed land has been discontinued, and as other outstanding unsurveyed alienations, such as applications to purchase, timber licences, etc., are now nearly all surveyed, abandoned, or cancelled, the administration of Crown lands is becoming simplified to a considerable extent, in that it is now possible to deal with an application for any particular piece of land with a certainty, not hitherto possible, that it does not interfere with some other application, perhaps erroneously or insufficiently described, thus avoiding the costly and embarrassing complications which have arisen from time to time in the past.

A special attempt has been made to survey all lands in the districts covered which were held by men who served in the overseas army, thus to permit the Department to deal promptly with applications for Crown grants under the "Pre-emptors' Free Grants Act." A total of 167 parcels so held have been surveyed. In cases where pre-emptors were found to be not in occupation, surveyors had instructions to survey same only if the lands were suitable for settlement, and to report the facts as found by them to the Department.

Besides the survey of lands already pre-empted, surveyors were this year instructed to survey as much as possible of any adjacent lands which might be considered suitable for settlement. A total of 232 parcels were so surveyed.

Under the provisions of the "Soldiers' Homestead Act" large areas of lands have reverted to the Crown, which are now open for settlement. In many cases, however, the surveys are not suitable for the disposition of these lands as pre-emptions, because they have been surveyed as 640-acre parcels with no posts planted on the boundaries to mark the quarter-lot corners, nor have any lines been run to mark the centres of the lots. It is the practice of the Department not to issue Crown grant to any pre-emptor unless all four corners of his land have been marked by posts and at least three of its boundaries run on the ground. It is found necessary, therefore, to make additional surveys in connection with a large proportion of the lands which have so reverted before they can be finally disposed of as pre-emptions. Some work of this nature was

carried out during the past season, particularly in the Hazelton and Fort George Districts, and a total of 40,706 acres has been dealt with in this way.

Among the general increased demand for pre-emption land throughout the Province there has been a special demand for smaller parcels along the Coast. To meet this a number of logged-off and expired timber licences have been subdivided into parcels of approximately 40 acres; fifty-three such parcels have been surveyed in the vicinity of Powell River and fourteen on Sonora Island. These parcels, while somewhat expensive to clear and bring under cultivation, should prove attractive and desirable to *bona-fide* pre-emptors, for the reason that they contain in general a fair amount of good soil and are conveniently situated to ready markets for all kinds of farm and garden products.

In order to rectify and improve the maps of the Province and to properly correlate all surveys, advantage is being taken from year to year of the presence of the surveyors on the ground in various affected districts to tie in by traverse surveys the numerous disconnected or "floating" surveys to such other surveys, the position of which is more or less definitely determined. During the past season 270 miles of such traverse tie-lines were run, the work being chiefly confined to the Cariboo and Lillooet Districts.

A small townsite was laid out at Evelyn, a station on the Grand Trunk Pacific Railway, eight miles northerly from Smithers. This was done with a view of meeting an expected demand in connection with mining developments in the vicinity. Also a few additional blocks were subdivided in the townsite of Burns Lake to provide building-sites for the increasing population at that centre.

The work of triangulating the Coast inlets was continued this year and about 450 miles of coast-line was covered, including the tying-in of all existing surveys along the shores so covered. A connection was made to the astronomic station at Bella Coola, thus introducing an important factor in the control of the mapping of this work.

Lasqueti Island, originally surveyed about forty-years ago, was partially resurveyed during the past season in order to locate some errors known to exist and to better define certain lands, Crown grants for which are pending.

For the purpose of reporting on the work done by the various parties the Province has been divided, for convenience, into the following main sections, viz.: Central and Northern Interior, Southern Interior, Mainland Coast, and Vancouver Island.

The following paragraphs give a summary of the names of the surveyors in charge of parties, the locality and the nature of the work done by them, in each of the various sections.

In submitting the names of surveyors, many of which were commissioned officers in the army during the war, ranging in rank from subaltern to lieutenant-colonel, all military titles and decorations are omitted. As they are mentioned in this report purely in their professional capacity as surveyors, it is believed that this is in accordance with the personal views on this point of the gentlemen affected.

CENTRAL AND NORTHERN INTERIOR.

This term, "Central" and "Northern Interior," is applied to that portion of the Province lying north of the Dominion Government Railway Belt and east of the Coast range of mountains. The following surveyors were engaged in this section of the Province:—

Surveyor.	Locality.
1. B. C. Affleck	Skeena River below Hazelton.
2. E. H. Burden	Kitwanga and Bulkley Valley.
3. V. Schjelderup	Francois and Ootsa Lakes.
4. A. H. Holland	Vanderhoof and Prince George.
5. J. F. Campbell	Summit Lake and Salmon River.
6. R. W. Haggen	Barkerville.
7. E. J. Gook	North-eastern Lillooet District.
8. F. Tupper	Northern Lillooet District.
9. G. M. Downton	Southern Lillooet District.
10. W. C. Merston	Nazko River Valley.
11. T. H. Taylor	Upper Chilcotin.
12. A. R. Barrow	Peace River.

All of these parties were to a greater or less extent engaged on the survey of lands already held under pre-emption and the survey of contiguous vacant Crown land suitable for settlement.

In addition to this, Mr. Burden subdivided a number of lots which reverted under the "Soldiers' Homestead Act" and laid out the small townsite above referred to at Evelyn. Mr. Campbell was engaged for part of the season in the subdivision of reverted lands in the Salmon River Valley. Mr. Merston made an extensive tie traverse in the Nazko River Valley, and Mr. Haggen made a traverse of the Quesnel-Barkerville Road from Cottonwood to Barkerville, tying in the various "floating" surveys en route.

Mr. Barrow's surveys in the Peace River District were confined to Crown lands and located pre-emptions adjoining the east and south boundaries of the Dominion Government Peace River Block.

Southern Interior.

In that portion of the Province lying south of the Dominion Government Railway Belt survey operations were carried on by parties in charge of the following surveyors:—

13. O. B. N. Wilkie ..... Nicola Valley.
14. J. C. Agnew ..... Vicinity of Vernon.
15. G. J. Jackson ..... Vicinity of Lumby.
16. B. A. Moorhouse ..... Vicinity of Summerland and Kelowna.
17. H. H. B. Abbott ..... Arrow Lakes and Duncan River.

The first four mentioned surveyors were employed on pre-emption and vacant Crown land surveys for the full season, while Mr. Abbott was employed for a short time on correction surveys and tie connections in the Kootenay District.

Mainland Coast.

On the Coast of the Mainland and adjacent islands between Vancouver and Prince Rupert eight parties were employed, as follows:—

18. John Davidson ..... Toba River and Sonora Island.
19. M. W. Hewett ..... Johnstone Strait.
20. G. K. Burnett ..... Vicinity of Powell River.
21. R. L. Horie ..... Moses Inlet and Hunter Island.
22. J. T. Underhill ..... Dean and Labouchere Channels.
23. A. E. Wright ..... Matheson Channel.
24. S. S. McDiarmid ..... Lasqueti Island.
25. J. A. Walker ..... Jervis Inlet.

Messrs. Davidson and Hewett surveyed pre-emptions and subdivided expired timber licences. Mr. Burnett's party was organized late in September for the subdivision of logged-off lands in the vicinity of Powell River in order to have some of these desirable locations available early in the spring. Messrs. Wright, Underhill, and Horie were engaged on triangulation surveys on Coast channels and inlets. Mr. Horie also surveyed a group of pre-emptions on Hunter Island.

Mr. McDiarmid made a partial resurvey of Lasqueti Island, while Mr. Walker was employed in the latter part of the season on a few small scattered surveys within fifty miles from Vancouver.

In addition to the above, D. J. McGugan was employed for a short period on the subdivision of an expired timber lease on Pitt River, New Westminster District.

Vancouver Island.

One party in charge of F. E. Leach was employed on the west coast of Vancouver Island on scattered surveys extending from Pachena Bay to the north end of Nootka Island.

Photo-topographical Surveys.

The photo-topographical survey, with R. D. McCaw in charge, this year covered an area of 475 square miles in the country lying to the west of the Okanagan River and extending into the valley of the Similkameen River as far west as Keremeos. An area of 150 square miles, comprising the watershed of Harris Creek in the vicinity of Lumby, east of Vernon, was also covered, being specially required in connection with investigations of irrigation projects by the Water Branch. The mapping of this work is now being proceeded with.

It may be of interest here to state a few facts with reference to the work which has been accomplished with photo-topographical methods of surveying by this Branch in the last few years.

The method was primarily designed and adapted for the mapping of rugged mountain areas, and it was only in 1914 that arrangements were made by the Department to apply it to the mapping of the Okanagan Lake watershed, where the mountains, in most cases tree-covered to their summits, rise more or less gradually in series of benches from the lake. While at first there was considerable doubt as to whether the method would be a success in a country of this nature, it is gratifying to be able to report that the results obtained are very satisfactory, and there is no doubt that the method is the most economical yet devised for obtaining information of like degree of accuracy and detail. Since the date above mentioned the survey has been extended over an area of approximately 3,489 square miles at a total cost of $43,276. In other words, the cost is slightly less than 2 cents per acre.

It has been determined also that the method is applicable to the greater portion of the Province, with the exception, perhaps, of the more level stretches of the Interior Plateau. This is a valuable consideration on account of the fact that in British Columbia knowledge of the relief of the country is an all-important factor in Government administration or economic development pertaining to agriculture, grazing, irrigation, drainage, water-power, lumbering, mining, or railway or road construction.

It is submitted, therefore, that photo-topographical surveying is a phase of the work of this Branch which by virtue of past experience and results obtained, together with evident requirements, commends itself for extension as rapidly as conditions may warrant.

Alberta-British Columbia Boundary.

The Interprovincial Boundary Commission, consisting of A. O. Wheeler, the British Columbia Commissioner, and R. W. Cautley, representing the Governments of the Dominion and the Province of Alberta, continued work during the year. Mr. Wheeler's surveys were carried on in the vicinity of Fortress Lake and Mr. Cautley continued his work on the establishment of the 120th meridian of longitude in the vicinity of Peace River.

This work is being carried on under the provisions of Orders in Council by the three Governments involved, this Province paying one-third of the cost.

Surveyors' Reports.

The general reports of the various surveyors employed during the season are appended to this report.

Private Surveys.

Surveys of Crown lands made at the instance of and paid for by private parties, such as surveys of pre-emptions, applications to purchase or lease, coal licences, timber licences, mineral claims, etc., are known departmentally as "private surveys." With the exception of timber licences and mineral-claim surveys, in which there is an increase over 1918, private surveys have gradually decreased to an almost negligible quantity. Departmentally this is an advantage, as it means that the great majority of surveys are being made under the direct control of this Branch, resulting in the work in the field being done according to a more uniform and higher standard.

The "Forest Act," as it now stands, provided for the survey of all timber licences by November 30th last. This resulted in considerable activity in timber surveys during the past year, and field-notes for 525 licences were received during the year. According to the Chief Draughtsman's report, there are still 2,306 licences unsurveyed, which will be renewable provided the "Forest Act" is amended to extend the time for survey. A large percentage of these, however, have probably been practically though not formally abandoned, and owing to faulty location a considerable number in addition will no doubt be abandoned on survey.

There would appear to be no reason why all the remaining unsurveyed licences of any commercial value cannot be surveyed during the coming season, provided the Legislature at the coming session approves of another year's extension of time.

There has been a steady increase in the number of mineral-claim surveys received during the last four years. The acreage gazetted during 1919 amounts to 10,264 acres, as compared with 7,677 acres in 1916. These areas represent only the claims for which certificates of improvements are applied for, as no mineral-claim survey is gazetted until the owner gives notice of his intention to apply for such certificate in the British Columbia Gazette.

Field notes for the survey of 259 mineral claims were received during the year.

OFFICE-WORK.

During the past year the majority of the members of the staff who had enlisted in the army during the war returned from overseas, necessitating numerous changes in the organization, and owing to increase of work in the various branches of the Department it has been possible to place these men to advantage as they returned.

The return of the Chief Geographer from distinguished service overseas has made it possible to divide the work of the office into two main divisions—viz., the Survey Division and the Geographic Division. The former deals with the issuance of instructions for surveys, the examination of field-notes, the clearance of applications, etc., while the latter deals with the preparation of maps for lithographic reproduction and other phases of departmental geographical work.

SURVEY DIVISION.

The details of the work of this Division are covered by the report of the Chief Draughtsman, submitted herewith, and shows considerable increase in the ordinary routine work. Evidences of renewed activity affecting Crown lands throughout the Province are reflected by the large increases in the number of clearances and the preparation of copies of field-notes and blue-prints.

GEOGRAPHIC DIVISION.

The work of this Division is covered by the report of the Chief Geographer, also submitted herewith. Owing to the heavily increasing public demand for maps it is hoped to considerably strengthen the staff of this Division during the current year in order to satisfactorily cope with the situation, and also to undertake the compilation of a standard base map which is intended to form the foundation for all future mapping of the Province.

GENERAL.

In summing up the work of the Branch for the year, it will be noted that there has been appreciable expansion in nearly all the phases of the work, and the indications are that this condition will to a greater degree exist during 1920.

In previous reports reference was made to the distinguished military service rendered by a large proportion of the members of the surveying profession during the Great War. If it was true that a surveyor was readily transformed into an efficient soldier, it is likewise true, from the experience of the past year, that the soldier found no great difficulty in reverting to his civilian profession of surveyor.

I have the honour to be,
Sir,
Your obedient servant,
J. E. UMBACH,
Surveyor-General.

REPORT OF THE CHIEF DRAUGHTSMAN.

December 31st, 1919.

J. E. Umbach, Esq.,
Surveyor-General, Victoria, B.C.

SIR,—I have the honour to submit the following report on the work of the Survey Division for the year ending December 31st, 1919:—

OFFICE-WORK.

The general work carried out has been similar to that done in previous years, while the volume of work has increased to a considerable extent.

The bulk of the work carried out consists of the examination and plotting on official plans of the various survey returns. As mentioned below, 1,090 field-books were received. On the books being found to be in order and acceptable, the surveys are separated into their various land recording districts and lists are prepared each week and furnished the King's Printer for insertion in the Gazette. Should any correction to the field-notes, or further information be required, this necessitates correspondence with the surveyor.

FIELD-NOTES.

During the year 1,090 field-books were received, as against 762 received during 1918. The various surveys contained in these field-books consist of 790 land lots, 259 mineral claims, 525 timber licences, and 53 traverse connections or triangulations.

During the same period 1,174 lot surveys were plotted and found to be in order. Notice of their acceptance duly appeared in the Gazette. Tracings of these lots were prepared and forwarded to the respective Government Agents.

The following table gives an analysis of the acreages of the various kinds of surveys gazetted during the year:—

	Acres.
Pre-emption surveys	8,514
Purchase surveys	153
Mineral-claim surveys	10,264
Timber-licence surveys	165,289
Coal-licence surveys	160
Lease surveys	1,495
Government surveys	77,121
Total	262,996

A comparison of these figures with those of previous years, as far back as 1900, may be found by reference to Table A attached to this report.

The acreage of Government surveys gazetted during the year shows an increase over that of the previous year, as is also the case in connection with mineral-claim surveys. The timber-licence surveys, however, show a decrease, and this is explained by the fact that a large number of timber-licence field-notes were not received until late in year, and as a result were not examined and plotted in time for gazetting during the year.

TIMBER SURVEYS.

Field-notes covering the survey of 525 licences were received during the year, as compared with 296 during 1918. It is estimated that of the timber licences in good standing or renewable (provided the Statute is amended), 11,212 have been surveyed, leaving 2,306 still unsurveyed.

RIGHT-OF-WAY PLANS.

It is the practice that right-of-way plans, whether covering railway locations, logging-railways, or pole-lines, should be filed in this office in order that they may be checked with the various land surveys through which they pass, and also in order that clearance may be made to determine what Crown lands (if any) are available for said rights-of-way.

It is estimated that during the year 343 miles of Grand Trunk Pacific Railway and 10 miles of Pacific Great Eastern Railway right-of-way plans were examined and finally cleared for Crown-granting purposes, as well as 10 miles of logging-railway right-of-way, while approximately 72 miles of electric-power pole-line right-of-way were cleared in connection with the application therefor.

CLEARANCES.

As in previous years, clearance reports have been furnished by this Division on all applications for lands dealt with by the Lands Department. These include 1,752 applications for pre-emption, 76 applications to purchase 112 coal licences, 51 miscellaneous leases, 1,806 Crown-grant applications, together with 516 timber-sales and 306 hand-logger licences. A comparison of these figures shows an increase of nearly 100 per cent. over these for the year 1918. For instance, in 1918 there were 823 applications for pre-emption and 226 timber-sales.

DEPARTMENTAL REFERENCE MAPS.

The work of keeping these maps up to date and compiling new ones has been proceeded with as heretofore. Four maps were recompiled and drawn on projection, while two were retraced.

INFORMATION SUPPLIED TO SURVEYORS AND OTHERS.

A nominal charge is made for the preparation of copies of field-notes, blue-prints, etc., required by surveyors and others. The revenue derived from this source amounts to $2,161.85, as compared with $1,479.82 for 1918.

The copying of field-notes and other documents is now practically all done by the photostat machine; the copies are, of course, facsimiles of the original and are made quicker than by hand.

The following is a statement of the number of blue-prints made:—

Mail and counter orders	2,863
Surveyor-General's Branch	1,775
Forest Branch	6,373
Other branches of Government service	7,724
Sundry	1,697
Total	20,432

There were also prepared 1,806 tracings (in duplicate) to be attached to Crown grants and 84 tracings (in duplicate) to accompany land leases.

CORRESPONDENCE AND ACCOUNTS.

During the year 3,938 letters were received and 5,238 sent out, which includes inter-departmental memoranda.

Accounts amounting to $125,796.22 have been checked and dealt with by the Accountant.

Table B attached to this report gives a summary of the office-work for the year 1919 and comparative figures for 1918.

PHOTOSTAT.

This machine is now permanently installed and is being found to be a convenience to the various Departments of the Government.

A list of the work done is given below, and in connection with the item of "miscellaneous subjects" may say that a considerable portion of this includes the enlarging or reducing of various departmental records and plans:—

Number of official plans copied	347
" " field-books copied	328
" " tracings copied	15
" " documents copied	125
" " Crown grants copied	86
" " miscellaneous subjects copied	560

GENERAL.

In addition to the above, the preparation of instructions for both Government and private surveys, including the copying of information from official records, forms a considerable portion of the work of this office.

As in previous years, the staff has also been called upon to attend to various draughting-work for other departments of the Government.

In the early part of the year some 3,000 notices were sent out to the owners of unsurveyed timber licences, drawing their attention to the fact that under the Statute all the unsurveyed licences must be surveyed and field-notes filed in the Department on or before November 30th, 1919. In the event of this time limit being further extended by the Legislature, the question of sending out additional notices will no doubt be considered.

Considerable work has also been occasioned in connection with the allotting of surveys under the "Soldiers' Homestead Act" and also in connection with the numerous applications for lands which have reverted to the Crown under said Act.

In connection with the surveys made under the instructions of the Department, the various surveyors are requested to report in detail as to any pre-emptions encountered by them which are unoccupied. These particulars are furnished by them with their monthly reports. The information is then submitted to the Lands Branch by a memorandum on each individual pre-emption file in order that cancellation proceedings, if necessary, may be taken.

The Survey Branch has now been reorganized into two divisions—namely, the Survey Division, in charge of the Chief Draughtsman, and the Geographic Division, in charge of the Chief Geographer.

During the year sixteen former members of the Survey Branch have returned from overseas service and have been allotted positions in this and other branches of the Lands Department.

A list of departmental reference maps is attached to this report as Table C.

I have, etc.,

F. O. MORRIS,

Chief Draughtsman.

APPENDIX TO REPORT OF CHIEF DRAUGHTSMAN.

TABLE A.—SHOWING ACREAGES OF EACH CLASS OF SURVEYS GAZETTED EACH YEAR SINCE 1900.

Year.	Pre-emptions.	Purchases.	Mineral Claims.	Timber Limits.	Coal Licences.	Leases.	B.C. Govt. Surveys.	Totals.
	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
1900	22,873	4,419	33,441	59	.....	664	10,057	71,513
1001	26,493	16,401	33,400	2,027	.....	593	.....	79,094
1902	35,297	29,652	31,057	1,040	626	1,026	.....	98,698
1903	37,615	26,787	18,115	127,992	.....	2,003	800	213,312
1904	48,124	36,468	20,549	155,279	48,670	3,009	179	312,278
1905	42,660	58,705	15,535	214,841	137,218	806	107	469,872
1906	33,573	66,668	9,894	77,829	41,312	9,566	.....	238,842
1907	50,460	162,218	10,017	83,016	20,367	4,387	113,968	444,433
1908	66,788	147,980	14,607	167,925	9,821	2,580	97,072	506.773
1909	71,316	145,325	10,744	426,121	8,310	15,239	512,373	1,189,428
1910	79,273	455,356	12,499	509,201	43,363	5,864	302,536	1,407,912
1911	89,485	1,352,809	21,325	686,909	120,938	6,500	948,644	3,226,610
1912	99,461	1,011,934	16,645	804,730	99,236	8,560	826,362	2,866,997
1913	55,202	508,062	18,043	1,181,355	72,719	4,740	1,014,366	2,854,487
1914	45,551	234,580	7,546	1,105,635	36,098	4,209	1,078,579	2,512,198
1915	22,746	41,551	8,339	512,628	29,245	841	705,170	1,320,520
1916	14,335	8,771	7,677	302,903	10,983	5,145	124,953	474,767
1917	12,632	802	8,386	275,538	2,843	2,960	111,256	414,417
1918	10,835	1,634	9,247	223,768	953	2,342	60,311	309,090
1919	8,514	153	10,264	165,289	160	1,495	77,121	262,996

TABLE B.—SUMMARY OF OFFICE-WORK FOR THE YEAR 1919 AND COMPARATIVE FIGURES FOR 1918.

	1918.	1919.
Number of field-books received	762	1,090
„ lots surveyed	766	1,049
„ lots gazetted and tracings forwarded to Government Agents	1,346	1,174
„ miles of right-of-way plans dealt with	290	435
„ applications for purchase cleared	12	76
„ applications for pre-emption cleared	823	1,752
„ reference maps compiled	10	4
„ Crown-grant applications cleared	1,512	1,806
Total number of letters received by Branch	2,465	3,938
„ „ Crown-grant and lease tracings made in duplicate	1,593	1,956
„ „ blue-prints made	18,326	20,432
Total revenue from information, blue-prints, maps, etc.	$1,479.82	$2,161.85

TABLE C.—DEPARTMENTAL REFERENCE MAPS.

Price-list of Blue-prints.

	Scale.	Price.
1. West Coast, V.I. (Barkley Sound, Southerly)	1 inch to 1 mile	$1 00
1A. West Coast, V.I. (Barkley Sound, Northerly)	„ „	1 00
2. West Coast, V.I. (Nootka District)	„ „	1 00
3. Belize and Seymour Inlets	„ „	1 00
3A. Quatsino Sound and West Portion of Rupert District	„ „	1 00
3B. Gilford, Cracroft, and Broughton Islands	„ „	1 00
3C. Nimpkish River Valley and Lake	„ „	1 00

Table C.—Departmental Reference Maps—*Continued.*

Price-list of Blue-prints—Continued.

		Scale.	Price.
3D.	Central Portion of Rupert District	1 inch to 1 mile	$1 00
4.	Knight, Bute, and Toba Inlets	„ „	1 00
4A.	Sayward District, Thurlow, Valdes, and Redonda Islands and Powell Lake	„ „	1 00
5.	Texada Island and West Portion, New Westminster District	„ „	1 00
5A.	Jervis and Sechelt Inlets	„ „	1 00
5B.	Howe Sound and Cheakamus River Valley	„ „	1 00
5C.	Harrison Lake and Lillooet River Valley	„ „	1 00
6A.	Nicola District	„ „	1 00
6B.	Princeton and vicinity	„ „	1 00
6C.	Ashnola and South Similkameen River Valleys	„ „	1 00
7.	North Okanagan and Mabel Lake	„ „	1 00
7A.	South Okanagan Lake and Kettle River Valley	„ „	1 00
7B.	Similkameen District (Keremeos, Fairview, and Greenwood)	„ „	1 00
11.	Clearwater and Murtle River Valleys	„ „	1 00
11A.	North Thompson River Valley	„ „	1 00
12.	Dean and Burke Channels	½ inch to 1 mile	1 00
12A.	Bella Coola Valley	1 inch to 1 mile	1 00
13.	Smith and Rivers Inlets	„ „	1 00
14.	Banks and Pitt Islands and vicinity	„ „	1 00
14B.	Gardner Canal and vicinity	½ inch to 1 mile	1 00
15.	Moresby Island, Northern Portion	1 inch to 1 mile	1 00
15A.	Moresby Island, Southern Portion	½ inch to 1 mile	1 00
16.	Graham Island, North-east Portion	1 inch to 1 mile	1 00
16A.	Graham Island, South-east Portion	„ „	1 00
16B.	Graham Island, West Portion	„ „	1 00
17.	Portland Canal and Observatory Inlet	„ „	1 00
17A.	Skeena River Valley (Mosquito Creek to Kispiox River)	„ „	1 00
17B.	Nass and Kitwancool River Valleys	„ „	1 00
18A.	Tete Jaune Cache and Upper Fraser River Valley	„ „	1 00
19.	Lower Skeena and Zymoetz River Valleys	„ „	1 00
19A.	Skeena and Kitsumgallum River Valleys	„ „	1 00
19B.	Prince Rupert, Mouth of Skeena and Nass Rivers	„ „	1 00
20.	Bulkley River Valley (Hazelton to Moricetown)	„ „	50
21A.	Fraser Lake and Nechako Valley	„ „	50
21B.	Francois and Ootsa Lakes	„ „	50
21C.	Douglas Channel and Kildala Arm	„ „	1 00
22.	Bowron River and Upper Fraser River Valley	„ „	1 00
22A.	Fort George and vicinity	„ „	1 00
22B.	Portion of Nechako River Valley and Cluculz Lake	„ „	1 00
22C.	Blackwater and Mud River Valleys	„ „	1 00
22D.	Fraser River Valley, vicinity of Quesnel	„ „	1 00
22E.	Goat River and Upper Fraser River Valleys	„ „	1 00
23.	Quesnel Lake (East Arm)	½ inch to 1 mile	1 00
23A.	150-Mile House, Barkerville and Quesnel Lake	1 inch to 1 mile	1 00
24A.	Anderson and Seton Lakes, Lillooet District	„ „	1 00
24B.	Lillooet District (Clinton, Big Bar, and Bridge River Valley)	„ „	1 50
25.	Mainland Coast, Hecate Island to Princess Royal Island	„ „	1 00
26.	Porcher and Adjacent Islands	„ „	1 00
27.	Fraser River Valley (Williams Lake, Soda Creek, and Alexandria)	„ „	1 00
27A.	Fraser and Lower Chilcotin River Valleys and Lac la Hache	„ „	1 50
27C.	Green Lake and Canoe Creek Valley	„ „	1 00
28.	North Part of Babine and Takla Lakes	½ inch to 1 mile	1 00
28A.	Stuart and Babine Lakes	1 inch to 1 mile	1 00
29.	Chilcotin, West 124 Meridian	„ „	1 00
29A.	Anaham and Abuntlet Lakes	„ „	1 00
29B.	Nazko and Chilcotin River Valleys	„ „	1 50
30.	Bonaparte River Valley and Canim Lake	„ „	1 00
31.	Bulkley Valley	„ „	1 00
31A.	Francois and Babine Lakes	„ „	1 00
32A.	Tatlayoko Lake	„ „	1 00
32B.	Homathko and Klinaklini River Valleys	„ „	1 00
34.	Lot 4593, Kootenay District, West Portion, Flathead River	2 inches to 1 mile	50
34A.	Lot 4593, Kootenay District, East Portion, Flathead River	„ „	50
35.	Saltspring, Gabriola, and Adjacent Islands	1 inch to 1 mile	1 00
38A.	Groundhog Coal Area, East of Meridian	„ „	1 00
38B.	Groundhog Coal Area, West of Meridian	„ „	1 00
38C.	Upper Nass River Valley	„ „	1 00

TABLE C.—DEPARTMENTAL REFERENCE MAPS—*Continued.*

Price-list of Blue-prints—Continued.

		Scale.	Price.
40.	Euchiniko and Tetachuck Lakes	1 inch to 1 mile	$1 00
41.	Upper Nechako River and East End of Ootsa Lake	„ „	1 00
42.	Big Bend, Kootenay District	„ „	1 00
42A.	Adams Lake and River	„ „	1 00
42B.	Canoe River Valley	„ „	1 00
42C.	Columbia River Valley (vicinity of Bush River)	„ „	1 00
43.	Peace River, South of Dominion Government Reserve	„ „	1 00
45.	Foreshore of Vancouver Island (E. & N. Railway Belt)	„ „	1 00
46.	Saanich District and Islands	„ „	1 00
47.	Peace River Valley, West of Dominion Government Reserve	„ „	1 00
48.	Crooked and Parsnip River Valleys	„ „	1 00
49.	Pine River Valley, Peace River District	„ „	1 00
50.	Parsnip and Peace River Valleys	„ „	1 00
51.	Finlay River Valley	„ „	1 00
52.	Atlin Lake and vicinity	½ inch to 1 mile	1 00
53.	Telegraph Creek and Stikine River Valley	„ „	1 00
54.	Upper Nass River Valley and Meziadin Lake	1 inch to 1 mile	1 00
18-9S.	Rossland and South End of Lower Arrow Lake	„ „	1 00
17-9S.	Nelson and Salmon River Valley	„ „	1 00
16-9S.	Moyie River Valley	„ „	1 00
15-9S.	Elko vicinity	„ „	1 00
15-9N.	Fernie and Crowsnest vicinity	„ „	1 00
16-9N.	Cranbrook and Kootenay River Valley	„ „	1 00
17-9N.	Kaslo and Kootenay Lake	„ „	1 00
18-9N.	Edgewood and Lower Arrow Lake	„ „	1 00
15-0.	Elk and White River Valleys	„ „	1 00
21-23.	Duncan Lake and Columbia Lake	„ „	1 00
18-20.	Nakusp and vicinity	„ „	1 00
27-29.	Columbia River Valley, Wilmer and Spillimacheen	„ „	1 00
30-32.	Trout and Upper Arrow Lakes	„ „	1 00

NOTE.—These reference maps show lands alienated and applied for, "Timber Limits," "Coal Licences," etc., surveyed and unsurveyed. They are compiled from all available data and are constantly being amended, and their accuracy is therefore not guaranteed. They were prepared originally for departmental use, and, having proved of value to the public, blue-prints of same are now on sale.

Victoria, January 1st, 1920.

REPORT OF THE GEOGRAPHIC DIVISION.

January 2nd, 1920.

J. E. Umbach, Esq.,
Surveyor-General, Victoria, B.C.

Sir,—I have the honour to submit the report of the Geographic Division for the year ending December 31st, 1919.

Upon the return of the overseas forces of Canada the writer was able to resume charge of the Geographic Division in the beginning of April. Of the former members of this staff serving overseas, only one junior has to date returned to his former duties. Of the five men who went overseas, all have passed through their service safely.

The present staff consists of a Chief Geographer, map-writer, compiler, editing draughtsman, junior draughtsman, and assistant, compiling new geographic gazetteer—six in all.

In 1915, when the staff was reduced for overseas service, there was a very satisfactory stock of maps of the various published portions of the Province. During the period between 1915 and 1919 the demand for maps was comparatively small, so that, with the exception of the Nechako, Fort George, North Thompson, and Peace River maps, which were republished in this period, the existing stocks were sufficient to supply the demand. Nearly all the stocks were exhausted by 1919, and there has been urgent necessity for republication of nearly all the pre-emptors' series, Southerly Vancouver Island, land series, and a new map of the Province—scale 30 miles to 1 inch. With the very limited staff every effort was made towards coping with this situation, and the following maps have been prepared and reissued:—

Pre-emptors' Maps.

Name.	Date of Issue.	No.	Scale.	Area in Sq. Miles.
Graham Island. Corrected and reissued; 3,000 copies	March, 1919	3L	3 m. to 1 in.	1,000
Nechako. Corrected and reissued; 4,000 copies	" "	3B	" "	9,000
Bulkley. Corrected and reissued; 5,000 copies	Oct., "	3D	" "	9,000
Fort George. Corrected and reissued; 6,300 copies	Nov., "	3A	" "	9,000
Quesnel. Compiled, drawn to projection, and published; 5,000 copies	Dec., "	3G	" "	9,000
In Course of Preparation.				
Tete Jaune. Compiled to projection. In hands of printer	Feb., 1920	3H	" "	6,000
Lillooet. Compiled and drawn to projection. In hands of printer	March, "	3K	" "	9,000

Upon the publication of those sheets of the pre-emptors' series now in the hands of the printer, six of the series will be drawn upon projection. When the next reissues are made it is hoped to have all the "pre-emptors'" map series compiled upon geographical projection.

Degree Sheet Series.

No addition to this series has been made since 1914. The Arrowhead Sheet, publication of which was held up in 1915, still remains in abeyance. There is apparent necessity that this series should be extended westward to include and show the Okanagan District, where the detailed topographic surveys obtained each year since 1914 could be compiled in conjunction with existing land surveys and this map information published; this for the further reason that there have been no printed maps of Osoyoos and Similkameen area for land purposes since the two old maps printed in 1897.

Land Maps.

Name.	Date of Issue.	No.	Scale.	Area in Sq. Miles.
Northerly Vancouver Island. Compiled to projection, drawn, and published; 9,000 copies	May, 1919	2c	4 m. to 1 in.	14,000

A valuable addition to the mapping of the Province was obtained in the compilation and publication of the Northerly Vancouver Island Sheet. This map shows the territory upon the Island north of the area covered by Map No. 2A, Southerly Vancouver Island; also the major

portion of Range 1, Coast District, and Sayward District. Although general demand for maps has been moderate in the past six months, 1,500 copies of this map have been issued.

In December, 1913, the first edition was published of Map No. 2A, Southerly Vancouver Island, of 11,000 copies. Early in 1919 this stock was entirely exhausted, and since that time there has been constant public demand for this map. The recompilation, rechecking for the republication of the Southerly Vancouver Island Sheet was begun early in the year, but, owing to the amount of work necessary to bring the map up to date, the interference of other work, and the shortage of staff, it was impossible to complete it in the past year. The map is now well advanced and will be in the hands of the printer within a few weeks from date. There is considerable work connected with the printing of such a map as this, and it is therefore improbable that the new issue will be available before April next.

In connection with the land series, it is proposed, when possible, to compile a sheet—Powell Lake—covering the territory east of the Northerly Vancouver Island Sheet, connecting with Map No. 2B, New Westminster and Yale. This sheet would complete the series of the southerly coast area.

At some future date it is suggested that two other sheets be added to this series, one covering an area immediately east of Map No. 2B, New Westminster and Yale, and the other an area of the Fort George District.

DISTRICT AND DIVISION SERIES.

Name.	Date of Issue.	No.	Scale.
Forest Districts and Grazing Districts; 1,000 copies	July	Special	50 m. to 1 in.
Land Recording Divisions; 2,500 copies	July	1c	" "

The former of these was produced for departmental purposes only. The base map used was that produced for the Mines Department in 1914, which was brought up to present date. The stock of the map of the Province, scale 30 miles to 1 inch, showing Land Recording Divisions was almost exhausted, and opportunity was taken to publish a temporary edition showing these divisions on the scale of 50 miles to 1 inch.

In 1913 the 30-mile map of British Columbia was published, showing in series the various administration districts and divisions of the Province; the edition, including the supply furnished to the Bureau of Information, comprised a total of approximately 100,000 copies. At present date the supply of this edition is nearly exhausted. The 1913 map, owing to later development, is very badly out-of-date and effort is now being made to compile an entirely new map. In this compilation it will be possible to use one or two of the later publications by means of photo-litho reduction, and any new work necessary will be drawn to scale suitable to allow of being again used in the production of the proposed new four-sheet map of the Province.

GEOGRAPHICAL SERIES.

It was impossible to make further progress in this series during the past year, although there is pressing need for a new map to take the place of the old South-west British Columbia, No. 18, which was published in 1897, under Hon. G. B. Martin, Minister of Lands and Works, and corrected and republished six or seven times since. In 1911 the old map was condemned but, luckily, not destroyed, for it was impossible subsequently to devote time to the preparation of a map to take its place, and the old map, consequently, up to the present, has provided a further 30,000 copies. This supply is now almost finished, and, therefore, either special effort should be made to produce an entirely up-to-date and new publication, or it will be necessary to again issue a very inferior production at considerable expense.

The four-sheet wall-map of the Province, on scale of 17.75 miles to the inch, published in 1912, is now very much out-of-date owing to the mass of survey and exploration information and data subsequently developed. Owing to the war the demand for this publication was not maintained, so that 4,800 copies of the 1912 edition of 11,000 copies still remain in stock.

The map of British Columbia on scale of 30 miles to 1 inch, which is the general distribution map and the basis for the showing of the various districts and divisions, is referred to earlier in this report.

Miscellaneous.

Map.	Scale.	For whom prepared, printed, etc.
Special Map of British Columbia Natural Resources..	50 m. to 1 in.	Publicity, special. Compiled and completely drawn for photo reproduction.
Index Map.....	30 m. to 1 in.	Land Settlement Board. Compiled, drawn, and printed.
Mining Statistics Chart.....	.....	Mines Department. Plotted and drawn for reproduction.

In addition to the above miscellaneous maps, etc., several small departmental maps, tracings, and drawings were prepared.

Geographical Naming and Gazetteer.

This work was in abeyance during the war, and owing to lack of staff no progress was possible until November of the past year, when special arrangement was made so that the work of preparing a complete geographical gazetteer could be undertaken, and this work has now been commenced.

In the past years of geographical work valuable information in gazetteer data has been obtained, but the work necessary before a publication can be accomplished is extensive in volume, and, it is anticipated, will consume at least twelve months. This production for general information will fill a long-felt departmental need, and be of direct public advantage, covering inquiries of location connected with the general public interest in the resources of the Province, such as land, mining, fisheries, timber, etc.

The last geographical gazetteer of British Columbia was published about 1909 as a private publication and has been out of print for over six years, besides now being very much out-of-date.

Map-mounting.

Throughout the year there was a steady demand for map-mounting of various descriptions, which comprised the requirements of the several departments and branches. The care and repair of official maps and documents were attended to as required.

With the limited staff engaged in map-mounting, and also on account of the increased costs of all material, the work and expense involved were reduced wherever possible. In this connection, the loose-leaf map-book—a handy reference system—was improved and substituted wherever possible in place of the customary map-racks.

Loose-leaf map-books prepared	59
Maps cut and mounted	882
Blue-prints mounted	223
Official maps repaired and remounted	82

Miscellaneous, binding field-notes, repairing files, etc.

Map Stock and Distribution.

Early in the year a careful check of remaining stock of maps was made. The various departments at Ottawa were approached with the object of again establishing a full supply of all available Dominion Government map publications of the Province; this special stock to accommodate departmental and special public requirements, and avoid the delay otherwise necessary of applying to Ottawa in each instance.

The cost of material and labour in publication of our maps advanced so much over pre-war prices that it was necessary to revise our charges for the various maps we issue.

A reissue of our map-list was made on October 31st, 1919, giving the new scale of map charges. (*See* Appendix.)

Maps received to stock	34,586
Maps issued, departmental and public	25,854

Departmental Map Committee.

Accurate, large-scale maps are of first importance to the lands, works, and mines administration and development of this Province. Under the past and present system each particular branch covering such work as it progressed discovered this, and as suitable maps did not exist the different branches did a large amount of draughting individually, preparing the mapping

basis for their information and data. Their work has been in most cases of value only to their particular purpose and a complete mapping system for the Province in no case could result. The maps have been done on different scales, so that, as a whole, the result is as if a railroad system had been built up piecemeal with rails of different gauge; also, under these conditions, valuable information is now buried in the files and not available for use because of the lack of a suitable base map and centre to record all data. To overcome this a proposal was outlined to representatives of the interested departments and branches and received endorsement, and a representative map committee was formed to submit a report and recommendation.

It was recommended that the compilation of a standard common base map of the Province, on the scale of 20 chains to 1 inch, be immediately proceeded with under the direction of the Chief Geographer; that the sheets of this mapping be based upon latitudes and longitudes, wherever possible, established from a preliminary skeleton of traverses of the existing chains of surveyed lots, these balanced and calculated to provide the required locations; also that the sheets be designed and laid down to conform with the proposed geographic grid system.

Allied to this work, the recommendation included the formation of a centre for recording all survey and development information to a central cross-index, based also upon the geographic grid system. A few of the advantages obtainable are:—

(1.) The utmost accuracy as far as existing surveys allow:
(2.) Equal accuracy to all maps instead of the great variation that at present exists between the different plottings:
(3.) Will form a basis for improvement of departmental reference maps:
(4.) Will show all valuable information; e.g., dimensions, bearings, areas, etc.:
(5.) Will facilitate work in the field and minimize work in the office:
(6.) Will meet a demand long felt and be of a great advantage to the public, Government, and departments, and eventually will minimize the possibility of error and consequent litigation:
(7.) Will do away with duplication, unavoidable under the present lack of such system, and correspondingly conserve expenditure, and it is anticipated, if properly proceeded with, will provide a co-operative satisfactory result.

I have, etc.,
G. G. AITKEN,
Chief Geographer.

SKEENA RIVER BELOW HAZELTON, RANGE 5, COAST AND CASSIAR DISTRICTS.

By B. C. AFFLECK.

KERRISDALE, November 10th, 1919.

J. E. Umbach, Esq.,
Surveyor-General, Victoria, B.C.

SIR,—I have the honour to report on surveys made by me in the Skeena River Valley this season, where I was instructed to survey thirty-five pre-emptions. These were scattered along 200 miles of river, from Cariboo Creek, some twenty miles above Hazelton, to Inverness Passage, near Prince Rupert. Of these, twenty-seven were surveyed, the remainder being unoccupied and not being, in my opinion, worth surveying. Eight of the pre-emptions surveyed were the property of soldiers, of whom four have been killed in action.

The party made its moves entirely by boat from Andimaul down, a distance of over 100 miles. The Skeena is a first-class one-way system of transportation, although some of the place-names that embellish it, such as Devil's Punch Bowl, Kloochman's Canyon, Devil's Elbow, Hardscrabble Rapids, Kitsalas Canyon, and Hell's Gate Slough, sound rather ominous to a stranger. Indeed, these places deserve almost any hard name one could think of, particularly at high water. This is usually about July 1st, and then the Skeena fully deserves its name, which means "cruel." The great velocity of the river is explained by the fact that from Hazelton to tide-water, less than 140 miles, there is a fall of over 700 feet, the descent being nearly uniform throughout. It is obvious that progress against such a stream is only achieved at the price of unremitting toil.

The Grand Trunk Pacific Railway follows the river closely to Hazelton, crossing from the north bank to the south at Skeena Crossing, sixteen miles below Hazelton, on a splendid steel bridge, on which there is, unfortunately, no provision made for a highway crossing. There is only one highway bridge over the Skeena in its entire length, a suspension one over a narrow canyon four miles above Hazelton. Current-operated ferries are in use at Hazelton, Kitwanga, Cedarvale, Usk, Copper River, Terrace, and Emo, although they fail to give good service at very high and very low water, and when the ice is running in fall and spring. The almost prohibitive cost of bridging the wide and turbulent Skeena, and the small areas to be served, make it unlikely that they will be replaced by bridges for many years. A system of roads along both sides of the river is being gradually extended, in spite of great physical difficulties, and a very few more years will bring about a continuous highway connection between the Lakelse and Kitsungallum Valleys and the Bulkley Valley road system.

There is some agitation under way to have a trunk road built all the way up the river from Prince Rupert, to complete a transprovincial system, but there are tremendous difficulties in the way, particularly in the vicinity of Hole-in-theWall and Telegraph Point, where for miles sheer cliffs rise from the water's edge.

The agricultural development in the Skeena Valley, which centres chiefly around Terrace, Cedarvale, Kitwanga, and Hazelton, and which has been in a stagnant condition during the war, has become much more active this season. As a consequence of the return of the numerous soldier settlers, the high prices of produce, the influx of new settlers, the gradual improvement of the roads, and of the store, school, and church facilities, the outlook is now more hopeful than ever. The lumber industry is very active, and sawmills are at work at Cedarvale, Usk, Terrace, Zimacord, and Amsbury, each forming a nucleus around which a thriving settlement is being built up.

Almost the whole of the Skeena Valley is highly mineralized, and samples of a great variety of real and supposititious ores are shown the traveller at every turn. The Silver Standard Mine at New Hazelton is, however, the only regular shipper in the valley this year, though some other properties in the vicinity, besides the Fiddler Creek mines at Dorreen and the Kitselas Mountain Company at Usk, are expected to ship heavily in the near future.

The valley as a whole seems admirably adapted for the production of both large and small fruits, and great credit is due the pioneers who have demonstrated this fact, unaided and often scoffed at by their shorter-sighted neighbours. Particularly deserving of mention are Dave Purvis, of Hazelton; A. S. Gray, of Cedarvale; and Sim Dobbie, of Copper River, all of whom have carried the fruit-growing business well beyond the experimental stage. A visit to any one of these gentlemen's orchards is at once an education and an inspiration. It is probable that only a few especially hardy varieties of apples will prove successful in the Hazelton District on account of the low temperatures often experienced during the winter. The strawberry produces exceptionally well throughout the valley, and the party found a plot in the vicinity of Dorreen which had been neglected for years, but still was bearing heavily.

Some evidence of the rapidity of timber-growth observed a short distance below Terrace may be interesting. Annual growth-rings over ½ inch in thickness were measured on a cedar which we cut. Near by were both spruce and cedar trees of 10 feet or over in diameter at 5 feet above ground. In this vicinity also was seen a cedar about 3 feet in diameter which had been felled by axes and left lying as it fell. A spruce-tree 4 feet in diameter had grown over and almost concealed the stump, while several smaller ones were growing along the trunk. Both stump and trunk were practically as sound as ever.

Generally speaking the climate of the valley from Pacific up is marked by light precipitation and extremes of temperature, while that below Pacific is more equable with much heavier precipitation, chiefly of snow. A small area centring about Terrace is noted for its light snowfall combined with mild winter temperatures. From the mouth of the Lakelse River, where the Skeena enters the Coast Range proper, the lower valley has little or no possibilities from an agricultural standpoint.

Very few grouse and rabbits were seen, as compared with former years. Deer-tracks were more plentiful than I remember having seen them in former years, but no deer were seen. Black bears were very numerous, but maintained a strict attitude of neutrality towards the party. I was much interested in seeing one swim the Skeena just below Dorreen. Strong swimmer though he was, the current carried him fully three-quarters of a mile down-stream

before he could reach the opposite bank. This was a great year for salmon on the Skeena, which is now the principal salmon-river of the Province. Most of the tributary streams are good trout-waters, but our party had very little luck except in Kleanza Creek, near Kitsalas Canyon, where we obtained some splendid catches.

I have, etc.,

BOYD C. AFFLECK, B.C.L.S.

BULKLEY AND KITWANGA RIVER VALLEYS, RANGE 5, COAST AND CASSIAR DISTRICTS.

BY E. H. BURDEN.

FORT GEORGE, B.C., November 21st, 1919.

J. E. Umbach, Esq.,
Surveyor-General, Victoria, B.C.

SIR,—Having been engaged during the past season in subdividing lands in the vicinity of the Skeena and Bulkley Rivers, as well as in surveying pre-emptions and a townsite near Smithers, I have the honour to submit the following general report covering the season's operations:—

KITWANGA RIVER.

My instructions were to subdivide into quarter-sections about fifty-five sections of land lying along the Kitwanga River north of the Grand Trunk Pacific Railway. Upon investigation, however, a large portion of this land was found to be of no value from an agricultural point of view, with the result that some twenty sections were cruised and examined carefully without being subdivided.

Kitwanga is a small village on the Grand Trunk Pacific Railway about twenty-five miles south-west of Hazelton, situate on the north bank of the Skeena River, in the centre of a large Indian reserve. Here there are two telegraph-offices—the Grand Trunk and the Government line—as well as a combined post-office and general store and two smaller stores, the latter owned by Indians and catering chiefly to the Indian trade.

The Kitwanga Valley extends north about twenty miles to Kitwanga (Kitwancool) Lake, varying in width from one-quarter of a mile to a mile, with the river in the centre. West of the valley I found the land to be steep and rough, not suitable for farming or grazing and carrying very little merchantable timber. On the east, however, is a fair-sized plateau extending twelve miles north of the railroad and varying in width from three to five miles. The westerly part of this plateau, a strip about a mile wide bordering on the valley, is excellent land, easily cleared, and suitable in every way for stock or mixed farming, but as you proceed east the soil becomes lighter and more stony.

A wagon-road has been constructed by the Government through the first ten miles of the valley from the railroad, and from here to Kitwancool Lake the Indians have widened the old trail, so that it is now possible to drive the entire distance. The lake is about five miles long, and lying north of it is some of the best land in the district, with deep rich loam soil covered with a growth of poplar and willow, with numerous open patches of from 1 to 3 acres in extent. At present, however, this land is too difficult of access to be valuable, as it can only be reached by boat on the lake or by means of a trail along the east edge.

The rainfall is light for the first five miles of the valley, increasing as you proceed north. Irrigation is not necessary. The snowfall averages 2 feet, and is of about four and a half months' duration—December to the middle of April. There are no summer frosts to affect crops. Mixed farming and stock-raising is carried on successfully in the southern part of the valley, where there are about a dozen ranchers.

There is very little game, although deer are gradually coming into the country and grouse are fairly plentiful. There is good trout and salmon fishing in the river and lake.

VICINITY OF SMITHERS.

Leaving Kitwanga, on the Grand Trunk Pacific, we proceeded east to Smithers, and in that neighbourhood surveyed some ten pre-emptions. This country is well settled, most of the ranchers going in for hay and grain or stock, as summer frosts are still prevalent. There is still a considerable amount of vacant Crown land in this district owing to large areas having

reverted to the Crown under the "Soldiers' Homestead Act," and settlers have been arriving in large numbers during the past year. Good wagon-roads connect all outlying areas with Smithers and Telkwa.

There is considerable mining activity in this district, several properties on Hudson Bay Mountain a few miles west of Smithers arranging to commence development-work next spring. For the convenience of these companies a small townsite of about 30 acres was laid out at Evelyn, nine miles north-west of Smithers, on the Grand Trunk Pacific. Here it is planned to build stores and warehouses, as well as cottages for the miners.

Leaving Evelyn in the middle of September, I moved my party to Hazelton, where I secured pack-horses and proceeded east on the old Babine Lake Trail, where we subdivided a few more sections between Six-mile Creek and the Suskwa (Bear) River, lying north of the Bulkley River. This land in places is burned almost bare, and although stony in patches is nevertheless well suited for any kind of farming.

The chief drawback at present is the lack of a wagon-road, it only being possible to bring a wagon about four miles from Hazelton in this direction, after which the only means of transportation is by pack-horses along the trail. This trail is in fair condition and extends many miles through fertile country. The climate here is much the same as at Kitwanga, with plenty of rain in the summer months. There will doubtless be considerable development done on mineral claims in this section as soon as transportation facilities warrant, as there are several good prospects in the vicinity.

I have, etc.,
E. H. Burden, B.C.L.S.

VICINITY OF FRANCOIS AND OOTSA LAKES, RANGES 4 AND 5, COAST DISTRICT.

By V. Schjelderup.

Burns Lake, November 8th, 1919.

J. E. Umbach, Esq.,
Surveyor-General, Victoria, B.C.

Sir,—I have the honour to submit the following report of the district in which I carried out the surveys of pre-emptions under your instructions:—

The work was indeed very scattered and necessitated a considerable amount of travelling by railway, boat, wagon, and pack-train. No less than 387 miles were covered by pack-train alone, and the condition of some of the old pack-trails which were followed made travelling both slow and difficult. Thirty-eight pre-emptions were surveyed, most of which were occupied. The total acreage surveyed was 7,300 acres.

The territory covered by me in executing the above surveys has been thoroughly reported on from time to time by surveyors who have covered extensive surveys in the various localities; therefore, in view of the fact that my season has been such a scattered one, in most cases making a hurried halt at a certain locality to survey one or more pre-emptions and then leaving as hurriedly for another point at considerable distance away, I feel it is almost impossible to give a minute and careful report of each respective locality through which we passed. I will, however, endeavour to embody in my report such remarks as may be generally applicable to "General Instructions, clause No. 39," covering the various districts in which I did surveys of any extent.

East End of Francois Lake.

This area is rolling and hilly, timbered with poplar and willow, with pine, spruce, and fir in places, with the exception of an extensive flat on the Nithi River which, if drained, would afford excellent hay lands. Lying to the north-east of the Nithi River there is a large open mountain-side which furnishes early grazing in the spring.

The district is reached by wagon-road from Fraser Lake Station, on the Grand Trunk Pacific Railway, some six or seven miles away. This road is in fair condition, being passable for cars during the summer months.

The nearest post-office is at present Stellako, some six or seven miles distant, and the nearest general store is at Endako, which is some twelve miles away. There is a school now under construction, but hitherto the nearest school was at Stellako.

The only local industry of any note is a sawmill at Fraser Lake Station; it has only recently been installed.

This locality is settling up and settlers seem quite satisfied with their prospects. Mixed farming is being undertaken by the majority of settlers, some depending more on cattle. Mixed farming is undoubtedly the best venture for this part of the country. The soil is generally good, although very stony in places.

West End of Cheslatta Lake.

The land is open to a very great extent and consists of more or less rolling bench land rising to quite a height above the lake-level. A few settlers have gone into this part of the country for the purpose of cattle-raising, for which the country is at present particularly well adapted. Open patches of grass land interspersed by patches of poplar, willow, and pine prevail on the higher ridges and northern slopes.

The nearest post-office and school is at Ootsa Lake, some sixteen miles away. At present there are no roads other than those which the settlers have built.

Morice and Buck Rivers.

In the vicinity of Houston I surveyed two pre-emptions on the Morice River, which is some six miles from town, and also surveyed three on the Buck River, which is some three miles distant from Houston.

The land on the Morice River is slightly rolling, which quite a number of years ago was swept by forest fires and now covered with a second growth of pine, poplar, and willow. Considerable stretches of open land abound. The soil is mostly clay with very little top soil. Generally speaking, the country hereabouts appears to be too dry for successful farming. At present there is nobody living on the west side of the river.

The land surveyed on the Buck River is very broken and in my opinion useless for successful farming. The soil is fairly good in places, but clearing is heavy.

Houston, on the Grand Trunk Pacific Railway, is a small town having a general store, post-office, hotel, and school. The vicinity seems to be in favour with many new settlers of late.

Vicinity of North and South Bulkley.

Near North Bulkley two pre-emptions were surveyed, one belonging to a returned soldier and the other being a second pre-emption taken up for pasture. My opinion is that for agricultural purposes neither is of any value, both having been fire-swept and the top soil practically all gone, leaving the bare subsoil, which is clay with a considerable amount of gravel and stone.

At South Bulkley I surveyed a couple of pre-emptions, neither of which was occupied, one being held by a returned soldier. Both places, I believe, could be successfully cultivated, especially on account of their close proximity to Forestdale Station making them easily accessible to a market.

Between North and South Bulkley I surveyed a pre-emption on Duck Lake. It was an excellent piece of land, but at present farming here would be out of the question, as the only means of access is a very poor pack-trail.

At Alwyn Lake another pre-emption was surveyed, held under pre-emption record by an Indian who is living there with his family. This piece is connected with Forestdale by a wagon-road.

This part of the country along the old Yukon Telegraph Line has some of the oldest and largest farms in the district, and this year has seen quite an influx of new settlers.

There is a post-office at Forestdale and school and church in course of construction. There is also a post-office at Aitken, some two miles north-east of Knockholt Station, on the Grand Trunk Pacific, and a school in the same vicinity.

Palling and Decker Lake.

A few lots were surveyed in this vicinity, most of which had been applied for, and the balance, I understand, has been applied for since by intending pre-emptors.

This district is settling fast and contains an extensive body of first-class agricultural land. There is a small store and post-office at Rose Lake, and at Palling Station there is a store and a post-office has been promised.

As yet little farming has been done in this locality, but no doubt with Palling or Decker Lake as a centre there will be a fine farming community come into being before many years.

An influx of new settlers is expected before next spring, as quite a number of parcels of land have changed hands in this neighbourhood during the past few months.

The old wagon-trail through these parts has this year been converted into a regular highway, and all but completed, except for a few miles west of the town of Burns Lake. The settlers have cut their own roads to the main road, which makes the whole district accessible.

General Aspect.

The whole of the district is essentially that of one with moderate rainfall, forest area alternating with open grassy stretches. On the southern slopes poplar and willow groves are prevalent, and the soil is carpeted with a luxuriant growth of grass and vetches. The northern slopes are characterized by a greater preponderance of spruce, pine, and in certain localities balsam and fir. Pine prevails where the soil is sandy and slopes less prominent. Taken as a whole there is more land covered by pine than anything else in the district. It presents the appearance of a low undulating country with ranges of hills which occasionally rise to an elevation of 500 to 1,000 feet above the level of the larger lakes, generally by easy slopes, while more rarely they are broken and rugged in contour. Lakes and small streams abound in the district.

Soil.

A sandy clayish loam is prevalent all through the district, varying in texture from fine silt to coarse granular soil mixed with gravel and sand. Where pine prevails the soil is often more sandy and on the higher benches very stony. In the natural hay meadows and ancient lake-beds a deep vegetable mould overlies the alluvial soil. In the poplar- and willow-covered bottoms and slopes the soil has a good dressing of vegetable mould, varying in depth from 2 to 12 inches, which is absent where pine prevails. The great fertility of the soil is evidenced by a luxurious growth of wild grasses, vetches, and weeds.

Climate.

The climate is one of moderate precipitation. The summer days are warm, with cold nights. The winter climate is not very severe, with a good deal of sunshine. The thermometer registers from 30 to 50 degrees below zero occasionally during the night, but this is the exception rather than the rule. The snowfall varies a great deal with locality and different seasons, but is generally between 1 and 2 feet on the shores of the big lakes and increasing with elevation. Light summer frosts may occur at night during any part of the summer, but do not seem sufficiently severe to injure the crops. The big lakes generally freeze over by the end of December or early January and open up again the last week of April or the first week of May.

Farming Possibilities.

Open grass land and meadows can be put under cultivation with little or no clearing. There are extensive lightly timbered areas that are practicable for grazing purposes, as are also the grassy southern slopes of the hills. Timothy and other tame grasses do exceptionally well, while oats, barley, and wheat produced give very good results. Potatoes and other root-crops generally give very satisfactory yields, as do also all garden-truck. Berries and bush-fruits are not grown to any extent in this district, but judging from experiments that have been made they give excellent yield. On the whole the district is eminently suitable for mixed farming and dairying, but the outlying parts, lying too remote from the railroad and other modes of transportation, are better suited to stock-raising, and many people have become interested in such and have brought large shipments of stock into the country during the past season.

As to cost of clearing, it is very difficult to give an estimate, but it may run any way from $5 to $100 per acre, according to the nature of and extent of timber.

Timber and Mineral Resources.

There are sufficient quantities of mill-timber to supply any local demands for lumber. There is a sawmill in operation on the south side of Francois Lake and another at Fraser Lake, both having been recently installed.

So far, to my knowledge, no minerals in paying quantities have been located in the district, but there has been great activity both south-west and north, with Burns Lake as a centre. The Taltapin Mining Company is commencing operations on a mine some twenty-four miles in a northerly direction from Burns Lake and expecting to make their first shipments of high-grade ore this winter.

FISHING AND GAME.

There is a great abundance of fish in most of the lakes and streams; the species include grey, rainbow, and other varieties of trout, whitefish and other species of fresh-water fish. Fishing is beginning to develop on commercial lines on some of the larger lakes, and will no doubt prove a great source of revenue to those interested in this departure. Small game is generally plentiful, and there are a fair number of deer and black bear, with occasional moose and caribou.

The whole of the district is at last settling up on a sound basis, and practically all the old-timers who settled in the district with the intention of farming seem more enthusiastic over their prospects than ever before. Others have sold out, and with new blood and capital I have no doubt this area will prove one of the most prosperous in British Columbia.

I have, etc.,

V. SCHJELDERUP, B.C.L.S.

VICINITY OF VANDERHOOF AND PRINCE GEORGE, RANGE 5, COAST AND CARIBOO DISTRICTS.

BY A. H. HOLLAND.

VANCOUVER, B.C., November 12th, 1919.

J. E. Umbach, Esq.,
Surveyor-General, Victoria, B.C.

SIR,—The work allotted me this season covered areas extending from Vanderhoof to a point forty miles east of Prince George, and was through a country already settled and reported on during the last few years, so that any report I can make will be more or less of a duplication. The party was organized at Vanderhoof, which is the centre of a distributing-point for one of the best areas of agricultural land in the Province, and near it can be seen farms in all stages of development, from the settler who has just received his record and is living in his tent while clearing his home-site, to the home of the old-timer who came into the old country in 1906-1907 and now has his whole 160 acres under cultivation, raising wheat, oats, hay, and root-crops, and finding a ready market for all his produce.

The Government, through its Departments of Works and Education, has kept pace with the growth in this district, and its roads extend in all directions, and schools are established at all points where pupils can reach them. It is also proposed to erect a creamery and install a man to run it, and this is giving an impetus to dairying, which so many settlers wish to go in for, and a few of them sent one of their number down to the Lower Fraser Valley and brought in two car-loads of milch cows during July of this year.

Other settlers have gone in for sheep, and one man with a drove of 400 has done exceptionally well, summer feed being abundant everywhere, and he having sufficient cultivated land to raise winter feed. Vanderhoof has three large general stores where supplies of all kinds may be obtained, and one feature noticeable in our purchasing this year was that we were supplied with beef, butter, eggs, and vegetables of local production.

NORTH-EAST OF VANDERHOOF.

The first work started was in Township 21 of the Cariboo, which is about fourteen miles north-east of the town and three miles north of Chilko Post-office, and can be reached by automobile over a good road. The country about here is all timbered with a growth of pine varying from 3 to 6 inches in diameter; but with the exception of one 40-acre tract, no milling-timber was found, though there is sufficient everywhere for domestic purposes. It drains north and

east into the Stuart River, and there is a distinct difference in the soil, as we find considerably more gravel with the silt, but this is offset by the fact that water can be obtained nearly everywhere from comparatively shallow wells.

Throughout the surveys made here were found many wild hay meadows of from 15 to 50 acres, and the existence of these has attracted some settlers, among whom are two who each have started with sixteen head of cattle and are putting up the slough-hay for winter feed.

These meadows are all that remain to show that at one time this was an ideal trapping-ground for beaver, and now experience has proved that these meadows will, when drained, raise heavy crops of timothy or the wild red-top and vetch, which are the wild fodder of the country, but as the winters are long and stock require from 3 to 4 tons per head to carry them through, it is not a range country; but it is very suitable for mixed farming, vegetables and small fruits thriving and oats maturing in spite of the summer frosts, which are still prevailing, but which will gradually disappear as more land is cleared and brought under cultivation.

An experiment such as is being tried in some of the other Provinces should be tried out in this district, that is, the burning-off of the growth of the small pine under expert supervision in order to improve wild feed of the district and reduce the cost to the settler of clearing his land.

Some areas through which we passed this summer have been fire-swept two years ago, and now have a splendid growth of vetch and lupine, but the disadvantage of an uncontrolled fire lies in one or two extremes—either the fire leaves a windfall which is impassable and prevents grazing, or it comes in midsummer when everything is dry as tinder and intense heat destroys the surface mould, thus retarding any growth until the land has been summer-fallowed and the lost elements returned.

One or two of the settlers whom I saw did their slashing in the winter and burned in the early spring; and as soon as the last snow has disappeared sowed timothy among the stumps, with the result that they had plenty of good pasture close at hand for their few head of stock. While we were in this part of the district there were a number of intending settlers from Southern Alberta looking for locations where cattle could be ranged, and one man brought in three car-loads of stock, including one registered stallion, and proceeded farther north to Stuart Lake.

Vicinity of Stuart River.

Continuing our work north-easterly, we reached the Stuart River, where the Government has placed a pontoon ferry, thus giving the settlers on the east and north bank a good road connecting with the railroad at Vanderhoof; it has also this summer built new roads from Chilko Post-office to the Nechako River, connecting by means of a ferry with the station at Hulett and shortening the distance to the railroad by seven or eight miles.

Some splendid farms were seen on the Stuart River flats, where evidently they are not troubled with summer frosts, as the root-crops were still green and the oats and hay-crops were in the barns when we were there. Our work here only lasted two days, and we proceeded back twenty-five miles to Vanderhoof over a good road on which automobiles had travelled during the season, and took the train east forty miles to Isle Pierre, where one pre-emption, whose only production came from an illicit still, only delayed us a few days, and we moved by hand-car to Nichol Station and Post-office.

Bednesti Lake and Vicinity.

There is little or no bottom land along the Nechako near this point, and we moved back over a newly constructed wagon-road to the bench land, which is to the south and is about 300 feet above the river at an elevation of 2,400 feet. Here we camped on Bednesti Lake, one of the many pretty lakes of the district, which this year has been made accessible to the sportsman of the Fort George District by means of a short wagon-road connecting with the main Fort George-Fraser Lake Road.

The Indian name Bednesti (meaning Fat Trout) is fully appreciated by any one spending a day there, whether with fly or troll, as many good catches are made, especially in the fall, when lake-trout up to 25 lb. in weight have been landed.

The country here is timbered with scrub, spruce, and pine, rather heavy clearing, and as there is a good deal of gravel with the silt it has not attracted many settlers, though to the south of the lake, where heavy fires have swept the country bare, there were some new settlers

going in this year and taking up some wet hay meadows with the intention of running a few head of cattle.

From here we moved seven miles east by wagon to Bednesti Prairie, where two returned soldiers have taken over two Crown-granted lots and intend going in for stock. They did not get on the land till July, but were able to plough some 35 acres by means of a tractor, and on September 20th were cutting the green oats for winter feed, and next year intend to erect a silo to handle any late crop.

They have experimented this summer with hogs, which have been allowed to run wild all summer, feeding on bracken and vetch and only returning to the piggeries at night, and the results have been so satisfactory, both in a monetary way and in their value at land-clearing, that they are increasing their drove.

The soil about here is all silt or clay loam, but whether because of its elevation or of its green timber, it is very subject to summer frosts.

Swede Creek.

Five miles farther east on Swede Creek, which is closer to the Nechako River, some fine level land was surveyed, and here were seen the first fruits that to my knowledge have thrived in Cariboo north of Quesnel. Both this season and last, apples, cherries, and plums were grown and shown at Prince George Agricultural Show, where they took prizes, and there seems no reason to doubt in future years the growth of the hardier varieties of apples will become general.

On our next move from Swede Creek to Prince George we passed many good farms, whose buildings and crops denoted success not only on the light sandy flats west of the Mud River, but in the river-bottom itself and on the high bench land to the east, where the soil is silt and and heavy clay.

Prince George.

Prince George has become a very busy place in the last few years, and there is a steady growth of trade with the surrounding country, as the sawmills of the Upper Fraser Valley, as well as the farms of the Nechako, are all tributary to its business, and the location of a settlement area in this vicinity and the taking-over of a large tract of splendid agricultural land, upon which houses are to be erected and small clearings are to be made, will also be a boon. Its banks, stores, and hotels are all thriving and there is not a vacant house to be had in the town, and with the completion of the Pacific Great Eastern Railway, with its shorter connection with Vancouver and the Lower Coast, a fine country will be opened up.

Newlands.

From Prince George we proceeded thirty miles east by rail to Newlands and inspected four old pre-emption holdings, but, as the timber is heavy and no attempt had been made to improve the land, no surveys were made. The land itself will make splendid farms when cleared, as the soil is a loam and well watered, but at the present the high cost of clearing makes it almost prohibitive, as some slashing alone cost $45 per acre this year, and until some future day when there are small portable sawmills or pulp-mills established which will give the settler a market for his timber, as well as employment during the winter months, the settlement will be slow. The settlers already established and having land under cultivation are doing well with grain, hay, and vegetables, and one man with a large drove of hogs especially so.

This is also the centre of a fine hunting district, moose, deer, and black bear being numerous.

Willow River.

From here we proceeded west by train to the mouth of Willow River, where a few days' work was done and where the mill of the Northern Lumber Company is in operation, and here procured a boat and proceeded down the river to Prince George, doing a couple of days' work on the way. The cold weather started extremely early, and on October 23rd and 24th the thermometer registered 28 degrees of frost, and on the 25th, the day after our reaching Prince George, the Fraser River was running thick with ice, closing navigation, either by canoe or steamboat, for the season.

I have, etc.,

A. H. Holland, B.C.L.S.

VICINITY OF SUMMIT LAKE AND SALMON RIVER.

By J. F. Campbell.

Victoria, B.C., November 20th, 1919.

J. E. Umbach, Esq.,
Surveyor-General, Victoria, B.C.

Sir,—I have the honour to submit the following report on the territory covered and the surveys made by me during the past season:—

Surveys were made of pre-emptions in the vicinity of Summit Lake, Crooked River, McLeod Lake, and the Upper Parsnip River, and subdivisions of reverted lands in the vicinity of the Little Salmon River.

As there are no roads or trails into the above-mentioned areas where the surveys were made, I used canoes for transportation purposes.

I organized the party at Prince George and moved by the Grand Trunk Pacific Railway to Hansard, on the Fraser River. From there I moved down-stream to Giscome Portage and across the portage to Summit Lake.

Summit Lake.

Summit Lake lies about thirty miles north from Prince George and on the northern slope of the Arctic watershed. The land bordering on the lake is heavily timbered, principally with fir and spruce, running in diameter from 8 to 36 inches. The timber extends back from the lake half a mile to a mile. The land to the west of the lake is marshy and contains some good hay meadows.

There are eleven islands in the lake, varying in size from 1 to 60 acres. These I surveyed. A few of the islands contain good agricultural land, but the majority are very gravelly and fairly heavily timbered. To the north-east of the lake there is a certain amount of good land, interspersed with small hay meadows, that is ideal for mixed farming. Along the Giscome Road the country has a growth of light poplar and pine that can be easily cleared. Peavine and grass grow to a height of 18 inches.

Summit Lake gains its importance from the fact that it is the starting-point by canoe for the Finlay River and Peace River District west of the Peace River Block. Supplies for the posts of the Hudson's Bay Company at Fort McLeod and Fort Grahame and for settlers and independent trading-posts on the Parsnip, Peace, and Finlay Rivers leave this point.

Owing to the wonderful waterway leading into the north country there are generally a number of outfits at the lake preparing for the trip. A small boat-building plant is located at the eastern end of the lake, where pointers or small river-boats are built.

There are two roads to Summit Lake. One of these, known as the Giscome Portage Road, starts from near the head of Giscome Rapids on the Fraser River and joins the lake at its eastern end. This road is eight miles in length. Heavy material for the Upper Peace River can be loaded on scows or canoes from the Grand Trunk Pacific Railway at Hansard or some other point on the Fraser River and floated downstream to Giscome Portage and hauled across the road to the lake. A number of teams at Giscome are used for freighting purposes.

Another road, completed this fall, connects the lake with Prince George. This is an excellent road for light traffic and automobiles.

There is a store at Summit Lake and also one at the Fraser River end of the portage.

Crooked River.

Crooked River leaves the northern end of Summit Lake and flows in a northerly direction to McLeod Lake. What is called the Crooked is really a series of lakes and sloughs connected by the river. The largest of these lakes are Davie, Red Rock, and Kerry.

The Crooked is part of the main waterway into the northern country. This route is one of the most-travelled waterways for canoes and small boats in British Columbia, as most of the supplies for the extensive country to the north pass down it. Many trappers and prospectors for the Liard and Fort Nelson Rivers go by this route, for with the exception of a short portage in Sifton Pass canoes can be used the entire distance.

The river can be navigated the whole open season by loaded canoes and scows. Scows carrying 2,000 to 8,000 lb. can be taken down-river with very little trouble until the end of

July. After that date the water usually drops, and for a couple of months, until the fall rains, the riffles in the river give trouble to boats too heavily loaded.

There are a number of riffles or chutes in the river that are shallow and the water very fast. Harrison Riffle, eight miles from the Summit Lake, and Long Riffle, eighteen miles from the lake, are the only two places on the river that require to be watched with care. The river between riffles is slack.

The land along the Crooked from Summit Lake to Kerry Lake is rather patchy and good agricultural land is scattered. From Kerry Lake to McLeod Lake the country becomes better from an agricultural point of view, but the valley is narrow. Most of the bottom land along the river is very good quality. The river-banks are covered with a dense growth of willow. This extends back for possibly 100 feet, while behind this screen are many large and fertile meadows. The river bottom or valley varies in width from a quarter to a mile. The river-bench is about 100 feet high and is gravelly and lightly timbered with pine and poplar. Good agricultural land lies back from the top of the bench at variable distances—in places half a mile, in other places two miles. The country is well watered, many large creeks flowing into the Crooked, especially from the east.

The snowfall in this area is exceptionally heavy. Although no record has been kept, a few years ago I saw a depth of 7 feet.

There is no settlement in this district. A few trappers are located along the river, but as these places are only occupied in the late fall and winter no cultivating has been done.

McLeod Lake.

Both sides of McLeod Lake are timbered with spruce, pine, fir, and poplar. There is very little good agricultural land on the east side of the lake owing to the hills rising sharply to the divide of the Parsnip River. On the west side the timber is rather heavy. There are scattered patches of burn extending back from the lake that could easily be brought under cultivation. On both sides of the lake are flats of a few hundred acres that in time will make very good farms. As the northern end of the lake is approached, the country, especially to the west, becomes fairly level and the timber light poplar and willow. The soil is generally a sandy loam with gravel subsoil.

At the northern end of the lake is situated the store and trading-post of the Hudson's Bay Company. The post was located over a hundred years ago. Previously to the Hudson's Bay Company the North-west Fur Trading Company had made Fort McLeod one of its principal posts in the north. According to Mr. Hammet, now in charge of the Hudson's Bay post, the present site of Fort McLeod was the scene of a great battle between the two fur-trading companies, the Hudson's Bay Company winning and driving the rival traders from that part of the country.

Vegetables have been grown yearly for the past hundred years by the Hudson's Bay Company, and although the frost at times is heavy there has not as yet been a total failure of crop. Potatoes seem to be the main crop and stand favourable comparison with crops from other points in the Cariboo. George Holder, who has lived opposite the Hudson's Bay post for twenty-eight years, has a good-sized garden under cultivation. Potatoes, beans, and strawberries have generally been a success.

Below Fort McLeod, on the Pack River, timothy was sown a few years ago, and although the catch was not heavy the hay grew to a height of 3 feet with a very good head.

As there is no live stock in this part of the country, due to the difficulties of getting it in, grains have not been sown.

A good pack-trail goes from Fort St. James, on Stuart Lake, to Fort McLeod. A number of trails leave McLeod Lake, going through Pine Pass to the Peace River country. The best of these leaves the lake a short distance above the fort.

There are now three trading-posts at McLeod—the Hudson's Bay Company, Seebach & Huble, and Ivor Guest. The stock of supplies carried is very limited, being used principally for trading purposes. As supplies are naturally very low in the spring and summer, due to the heavy fur trade in winter, any one going into this country should take a full stock of provisions.

Pack River.

Pack River leaves the northern end of McLeod Lake close to where the Hudson's Bay post is located. The river is navigable the whole of the open season for boats drawing up to 18 inches of water.

Six miles below McLeod the river widens into Trout Lake. The lake is about three miles in length. Ten miles below the lake the Pack River empties into the Parsnip River. A mile below Trout Lake the Cross Rapids on the Pack are encountered, this being the only bad water between McLeod and the forks of the Finlay and Parsnip.

The land along the Pack is patchy. At some points open burn and meadows are in evidence, while a short distance on exceptionally heavy timber is encountered.

From observation I would say that at one time the whole country was covered with a growth of heavy timber, mostly fir and spruce. Fires started by the Indians to obtain a supply of dry wood cleared out the country in patches that are now lightly timbered with poplar or else are small meadows. On most of the meadows very fine wild hay grows to a good height. The soil along the river is a sandy silt, subsoil gravel.

Three pre-emptions were surveyed on the Pack River below Trout Lake.

Upper Parsnip River.

There is no large area of agricultural land in the valley of the Upper Parsnip. From the junction of the Pack, up-stream to within a few miles of Valley Creek, the country has been burnt over within the last fifteen years. The right bank is, however, still covered with a growth of green timber. From Valley Creek on the whole country is heavily timbered, principally with spruce, balsam, and fir up to 40 inches in diameter. Several very large creeks flow in from the Rocky Mountain Ranges, but with the exception of those near the headwaters are not navigable for canoes, being very swift and full of log-jams. Above Tucheeda Creek, where the projected Pacific Great Eastern Railway crosses the Parsnip, the valley becomes very narrow, the spurs from the mountains coming down to the river. The river-flats are very narrow and covered with a growth of red willow. The upper benches are gravelly and rocky. From Tucheeda Creek on, the river is slack and it is possible to paddle to the foot of a large glacier at the source of the Parsnip. From the appearance of the vegetation the rainfall is very much heavier than on the lower reaches.

When the first explorers travelled up the Peace and Parsnip Rivers the mouth of the Pack was not noticed. The party passed the Pack and up the Parsnip to what is now called Portage Creek. This creek formed part of an important portage between the Arctic and Pacific watersheds. It flows out of a long narrow lake lying between high rocky bluffs. The old portage and water divide is at the head of this lake, being about half a mile long into another lake, the headwaters of the Bad River. The water parting is about 2,300 feet above sea-level. This river, the Bad, could furnish a large amount of water-power, as there are numerous falls that could easily be harnessed. There is a large amount of good spruce timber in this vicinity, but no agricultural land.

Lower Parsnip River.

The valley of the Parsnip below the Pack widens out, being two to three miles in width. There is a large amount of land that could profitably be brought under cultivation. Starting six miles below the Pack River, the river-bench is half a mile in width and extends back to a bench about 100 feet high. The first bench or river-bottom is generally of excellent soil and carries a heavy growth of grass and wild hay. The second bench back from the river is also good soil and is half a mile in width. From there the land gradually rises to possibly 300 feet above the river, and the timber, though burnt, is still standing. On the first two benches at least two fires have swept over and the land is very free from windfall. A quarter of a mile can easily be seen across country. In places where the country is not burnt the timber is heavy, running to about 15,000 feet per acre.

The country along the Parsnip is patchy and agricultural land requires to be selected with care.

The river, though swift, can easily be navigated by the heaviest of scows and canoes, and possibly by light river-steamers. In time, if a railway is not built along the river, steamboats will be the mode of transportation, as there are hundreds of miles on the Finlay, Parsnip, and Peace Rivers that can be navigated by light boats.

Little Salmon River.

The surveys carried out in the Little Salmon River District consisted of subdividing lands reverted under the "Soldiers' Homestead Act" into 160-acre blocks; 13,260 acres were so subdivided.

The area known as the Little Salmon River District is nearly all burnt over. The burn extends from near the Nechako north to within a few miles of Summit Lake and west from the Fraser River. At least two large fires have gone over the country, the first sixty to seventy years ago. The country at that time was heavily timbered with spruce and fir. Large fir-stumps that have withstood the fires measure up to 60 inches in diameter.

A second fire sixteen years ago swept the country and not only destroyed most of the standing timber, but burnt the soil so badly that for miles in some areas, particularly on the ridges, the gravel subsoil is showing. In other places the top soil and leaf-mould is destroyed and the clay subsoil exposed. The majority of the land, however, is of excellent quality and very little clearing is required.

The Salmon River area is a rolling country with light sandy soil in the valleys or basins between the hills. The majority of the hills or ridges are very gravelly and practically useless for agricultural or stock purposes. Owing to these gravel ridges one section may be nearly all gravel, while the adjoining section in the basin has very good quality soil.

The growth is principally poplar up to 3 inches in diameter and small willow. The growth of this is very rapid; one year it may be slashed and in the spring, unless it is ploughed under, a new growth starts.

Owing to the country being burnt over many creeks have dried up or else only run part of the year. However, there should be no difficulty in obtaining a good supply of water from wells. Twenty to forty feet would, I think, be the average depth to go to obtain water; on some of the very high benches the depth to go would be very much greater.

The soil where badly burnt has a tendency to bake, and it takes very careful farming and rebuilding of the soil to produce a good crop. The most satisfactory method used to bring the badly burnt land under cultivation is first to sow clover or peas; turn this under to supply the humus necessary, and use the methods employed in dry-farming to retain the moisture in the soil. This method only requires to be used where most of the top soil is destroyed and the clay or subsoil exposed. There is quite enough moisture obtained from rainfall to supply all needs, and very good crops are obtained where proper farming means are used.

Quite a large number of farms are in operation in this area, and the majority of them, especially this year, have produced very good crops. Timothy and oats seem to be the most successful. Timothy on a 10-acre field ran as high as 2½ tons to the acre. A certain amount of barley was sown, and a farmer of thirty years' experience said it was the best crop he had ever seen. Vegetables do very well, the potato-crop being exceptionally good. A very noticeable feature in this country is the heavy growth of wild berries. In the old burns raspberries are very plentiful, growing to the size of the cultivated variety. Huckleberries and strawberries grow in great profusion and high-bush cranberries are noticed everywhere. A species of wild cherry grows on many of the hillsides, and although it is useless for commercial purposes it is an indication that possibly fruit-trees may be planted with success.

The great drawback at present is lack of transportation. One road from Prince George crosses the Little Salmon River about ten miles from its mouth and continues to Summit Lake. This road has had a large amount of work done on it during the past year and is in very good shape. Another road leaves the main Salmon River Road a few miles south of the bridge crossing on the river and extends in a north-westerly direction. This road is not in good condition, although a road outfit is now working on it and before winter will have improved it to a considerable extent. A third road goes via Chief Lake into the Upper Salmon River country. The Pacific Great Eastern Railway as projected passes through the district and when built will aid the country enormously. Where there is a road a great deal of the land adjoining it has been brought under cultivation, and there are a number of farms near roads that use tractors for breaking, etc.

The snowfall varies in depth from possibly 2 feet near the Nechako River to 4 or 5 feet as the divide to the north is approached. The spring and fall rains are generally heavy and can always be depended upon.

To the north-west, between Great Beaver Lake and the Nation Lakes, there is a large amount of agricultural land that is very similar to the Little Salmon District, both as regards soil and timber.

The majority of the land subdivided is very good quality, but there is a considerable amount that is very gravelly, and intending settlers require to select their land with care. I cruised

the land by quarter-sections as carefully as the time at my disposal allowed, and the description of the land is shown in detail in my monthly reports.

Mineral.

There is very little mining activity in the areas above mentioned. On the Fraser River on the pre-emption of Oscar Eden, about eight miles above Giscome Rapids, galena has been discovered. Two tunnels have been driven into the hill and samples obtained have been very good. Mr. Eden tells me that the assay runs as high as $56 per ton. What is thought to be uranium has also been discovered on this property. An expert came from the East recently to inspect it, as uranium has not as yet been found in that formation. The result of the assay is not at present known.

A number of prospectors are located on the Nation River, a tributary of the Parsnip. Placer gold in small quantities has been discovered, but nothing to warrant any hopes of a big strike.

On the Parsnip River a few miles below the junction of the Pack there are outcroppings of coal, whether of commercial value remains to be seen.

Farther north on the headwaters of the Finlay and Liard Rivers a few prospectors are working. I was shown native copper and galena from this area, also quartz containing gold and silver running $200 to the ton.

Game and Fish.

Moose are very plentiful in the Little Salmon and Fraser River areas. It is only within the last few years that moose have come into these districts in large numbers. A large number were seen this summer, especially in the swamps and muskegs. In one day as many as fifteen were noticed in swamp meadows.

On the Crooked and Parsnip Rivers no moose were seen, but plenty of deer and bears were in evidence. A few caribou were also seen.

The fishing from Summit Lake north cannot be surpassed in British Columbia. The species of fish caught included rainbow trout, Dolly Varden, and what I believe is wrongly called Arctic or Parsnip trout. Arctic trout were only caught in the waters of the Arctic slope and not farther south than latitude 55° N. At one point on the Crooked River, called Livingstone Pool, two men in half an hour caught seventy fish, enough for the entire party for two meals. At another point a few miles below the pool 25 lb. of fish were caught in a few minutes.

The lakes are well stocked with trout; in fact, at any point on the lakes and rivers fish can be caught with the greatest of ease.

Trapping.

With the exception of the Little Salmon River, the men located in the areas above mentioned depend upon trapping for a living.

Due to the high price fur is commanding, many trappers located during the past summer and fall on the Crooked and Parsnip Rivers and their tributaries. I saw a few outfits on their way to the Liard country for a two-years' trapping-trip. Naturally they all hope the present high price of fur will be maintained.

The usual fur-bearing animals found throughout Northern British Columbia, marten, mink, fisher, fox, etc., predominate in the catches. As fisher now brings as high as $175 and marten up to $80 a skin, it does not take a large catch to make a small fortune for the trapper.

The old-established trappers who for ten, fifteen, or twenty years have lived and trapped over the same area almost consider the country their own. Each year they brought out large and valuable catches, and any encroachment on their trapping-grounds, which may include 400 to 500 square miles, is sure to mean trouble for the trespasser.

Fortunately for the trapper the country where he is located is generally unsuited for agricultural purposes; he may be disturbed in time by timber operations; until then he will have the country to himself.

I have, etc.,

J. F. Campbell, B.C.L.S.

VICINITY OF BARKERVILLE, CARIBOO DISTRICT.

By R. W. Haggen.

Quesnel, B.C., December 2nd, 1919.

J. E. Umbach, Esq.,
Surveyor-General, Victoria, B.C.

Sir,—The first surveys made during the past season consisted of a traverse of the Cariboo Road to Barkerville and ties to surveyed lots in the vicinity of the road. The work was started at Lot 359, near Cottonwood Post-office, one of a group of lots which had been tied in during 1915 to the surveys in the vicinity of Quesnel.

From the Fraser River at Quesnel the Cariboo Road ascends over numerous benches, crossing the divide between the Quesnel and Cottonwood Valleys at the 13-Mile House at an elevation of some 1,400 feet above Quesnel, or approximately 3,000 feet above sea-level. The crossing of the Cottonwood River is 500 feet lower than this, and near the crossing is Cottonwood Post-office and the ranch of the John Boyd Estate, which supplies a considerable portion of the hay and meat used along the road.

From Cottonwood the road follows the valley of the Cottonwood River four miles to Coldspring Ranch; here the stream forks, the southerly branch being known as Swift River and the easterly one as Lightning Creek. From the confluence of these two streams till it joins the Fraser River some twenty miles above Quesnel the river is known as "Cottonwood."

The Swift River Valley does not rightly come within the scope of this report, but it may be mentioned that a considerable area of land there was taken up under purchase some years ago. There are also reputed to be some hay meadows on tributary creeks. It is from Swift River that water is diverted and conveyed by a large ditch with siphons and flumes to Birrell Creek, in Quesnel Valley; this conduit having cost over $1,000,000 to build. Swift River, while carrying some gold values, has never been a large producer. Drilling was done this year to ascertain whether it carried good enough values to warrant the installation of a dredge.

From Coldspring Ranch the Cariboo Road, along which traverse was carried, follows, generally, the valley of Lightning Creek, ascending, however, on to a high bench about 500 feet above the creek. The road runs near the edge of the bench, and here, at "Lover's Leap," a splendid view is obtained of the valley of Lightning Creek and the mountainous country to the south. Below "Lover's Leap" lies the old Bonanza claim, which has worked intermittently, with varying luck, for the last half-century.

Wingdam.

At Wingdam, six miles from Coldspring and thirty from Quesnel, the road again descends to the creek-level. Here is a well-equipped mining camp operated by the Lightning Creek Gold Gravels and Dredging Company, the head office of which is in New York. This company controls some twenty miles of creek leases and has worked for a number of years, but is not yet brought to the producing stage. Some years ago a shaft was sunk, but slum in the workings necessitated its abandonment. Since that time considerable drilling has been done, and now a new shaft is being sunk about 600 yards up-stream. The bed-rock is at considerable depth below the surface.

At Wingdam there is a very rich garden-patch in the valley, and it seems to enjoy immunity from summer frost, which is a great detriment at Cottonwood and Coldspring. I have seen potatoes green at Wingdam when they have been blackened in the Fraser Valley.

For ten miles above Wingdam the road follows through the narrow valley of Lightning Creek; there are no houses, no agricultural land, and no mining. The "Wingdam" leases extend here, but the development is being done at the lower portion of the property.

At Beaver Pass, thirty-eight miles from Quesnel, H. J. Gardner has a good-sized ranch, producing a goodly quantity of hay and running a fairly large flock of sheep and some cattle. From Beaver Pass there is a low pass to Willow River to the north, and a road to Peters Creek to the south. Both Peters and Beaver Pass Creeks have attracted the attention of the mining fraternity, but no work is being done at present.

Four miles above Beaver Pass, on Lightning Creek, the road passes through the Lafontaine Camp, a model of neat construction. This camp has been closed down for some years, but there is, I understand, a probability of its being reopened in the near future.

Stanley.

At Stanley, forty-four miles from Quesnel, is a quaint little village built along the road. From three hotels and three stores in 1911 it has dwindled to a joint hotel, store, post and telephone office; this is the "Lightning," an old building whose exterior is anything but promising; but I'll warrant that no one who has travelled this portion of the road will ever forget the appetizing meals served by the queen of chefs, Mrs. Williams.

Stanley is a mining village, pure and simple. There is no agricultural land and no timber of quality. About two miles up Lightning Creek L. A. Bonner has a hydraulic plant that has worked for a number of years and shipped considerable gold. His workings are in the main valley. On Perkins Gulch, a mile and a half from the village, Sparkes & Felker have a small plant and have been shipping steadily during the past few seasons. Inborn tenacity enabled them to keep on working during lean years, and they have now uncovered ground that carries good values. This winter they are enlarging their water-supply, which has been scant in the past by diverting water from Amador Creek.

Harry Jones, a former member for the district, and now the oldest resident here, is prospecting on a side-channel at the mouth of Perkins Gulch.

The Chisholm Creek Mine near the village has been shut down for the past two seasons, but will probably be worked to some extent during 1920. A tunnel has been driven toward the old channel of Chisholm Creek for a distance of some 1,400 feet. J. F. Williams also works a claim on Chisholm Creek.

Van Winkle and Richfield.

The original road to Barkerville followed up the valley of Lightning Creek, the old townsite of Van Winkle being about a mile above the present village. I endeavoured to tie in this old townsite; however, the only evidence I could find was the top of an old building. About 15 feet of tailings has accumulated over the old townsite. Above this old town the road ascended Burns Mountain, passing Ella Lake, and descending a long, steep hill into Richfield, a mile above Barkerville, on Williams Creek. It is no uncommon occurrence for the snow to lie on this old road until the end of July.

The present road, built a number of years ago, leaves Lightning Creek at Stanley, ascending the valley of Chisholm Creek; thence descending through Devil's Canyon to Slough Creek, a tributary of Willow River. The canyon has high, precipitous walls and is generally blocked with snow till June 10th. During the past season I had occasion to go to Barkerville on June 1st; there was then 2 feet of snow in the canyon, though other points on the road were clear. A bush fire some years ago destroyed the timber on the mountain-side, and snowslides are of frequent occurrence, while drifts at times make the road impassable. During the winter the road is kept open by means of a snow-roller and by shovelling out accumulations of snow in the canyon. Stanley to Slough Creek is four miles.

At Slough Creek mining was prosecuted for several years, but the ground was deep and wet and the expenses of handling the ground were too great to make the venture profitable. At Burns Creek, about a mile from the foot of the canyon, considerable work was also done.

Jack of Clubs Lake.

From the foot of Devil's Canyon the road follows on the south side of Slough Creek for a couple of miles, then ascends a ridge, falling again to Jack of Clubs Lake, which fills the deep valley for a distance of two miles and a half. The hillsides are burned off to a great extent, and their barrenness detracts from the natural beauty of the valley at this point.

Jack of Clubs Creek enters at the western end of the lake. This creek has in the past been a good producer and is now being worked in a search for a continuation of the gold leads.

At the eastern end of the lake there is a sawmill and an old stamp-mill built in connection with old quartz-workings on Island Mountain, to the south. This lake is really the head of Willow River, which flows out of the east end of it. A road is built for some twenty miles down Willow River. Two miles down the hydraulic mine on Mosquito Creek is still working, but its water-supply is small, enabling only a small yardage of gravel to be handled each season. This gravel is rich, the gold being of good quality.

LOWHEE CREEK AND STOUTS GULCH.

After passing Jack of Clubs Lake the road crosses Lowhee Creek, which flows in various places, over an accumulation of tailings from years of hydraulicking on Lowhee. Lowhee is fortunate in having a good water-supply, accumulated from the creeks on Groundhog Mountain and conveyed by a ditch high on the mountain-side. This mine, it is expected, will be a much larger producer in a few years and will have a long life before being fully worked out. Lowhee and Stouts Gulch head together.

WILLOWS CREEK.

From Jack of Clubs Lake to Barkerville, four miles, the road follows the valley of Williams Creek, the greatest producer of them all in the early days. There are a few swamp meadows along the creek, but all combined would not likely produce over 50 tons of poor-quality hay in a season.

Two miles from Barkerville are the old reduction-works, built over twenty years ago, but now closed down. The valley-bottom from here to Barkerville is a wide bed of tailings, testimony to the vast yardage of gravel that has been washed out from the gulches and hillsides. In the middle of these tailings is still to be seen an old gravel-elevator of large proportions, now half-buried. The valley here swings in a semi-circle, the road bending from north-east to south-west, passing the old cemetery, where the inscriptions on tombstones tell of the end of men from all corners of the globe and bear mute evidence of epidemics that visited the camp.

BARKERVILLE.

Half a mile from the cemetery lies the town of Barkerville, a number of old buildings straggling along either side of a curved street, a steep hill rising to the right; the street runs on tailings, and behind the town is a high bulk-head which protects the town from the tailings of Stouts Gulch and Williams Creek. Barkerville boasts three hotels, two good stores, a hospital, Government office, post and telegraph office, a branch of the Yukon Telegraph Line, and a school. The white population is probably 150. There is a Chinatown, but its population is now small. Originally there were several towns on the diggings—Carnarvon, on Stouts Gulch; Richfield, Barkerville, and Camerontown, on Williams Creek; Antler Town, on Antler Creek; and a town on Grouse Creek. Of Camerontown, Richfield, and Carnarvon I was unable to find any trace whatever.

In the sixties the combined population of these places was about 7,000. Williams Creek yielded, on the average, about $1,000 per foot on bed-rock; Grouse Creek was second to it, with Lightning Creek a close third.

Considerable difficulty was experienced in locating traces of the old surveys; no definite point could be established on the Barkerville townsite. This was surveyed in 1864, and the plan shows the buildings then in existence, the lots having been of irregular sizes to suit the existing buildings. In 1868 the town was totally destroyed by fire, none of the buildings shown on the plan remaining; thereafter the town was rebuilt without regard to the old survey. A few lots have been Crown-granted, but their owners have no means of knowing the land they own. There is no one resident in the district who is able to give authentic information.

The same thing applies largely on the real-estate claims on Williams and Lightning Creeks; these were evidently surveyed by traversing between the locators' posts, mostly blazed stumps; in a very few cases markings can be found. It is rather hard to realize at this date that the surveys of these claims were in the early days much like townsite surveys, the ground being very valuable and a large population resident on the creeks. In studying the old notes, I was struck with the number of posts that had disappeared during the first year after being set. As a number of these holdings now conflict with the more recent quartz claims, a re-establishment of lines will be necessary before the latter can be surveyed. The old real-estate claims, originally taken up as placer, were Crown-granted about 1874, conveying the ground and both placer and quartz rights. Probably no more complete Crown grant was ever issued in the Province.

From Barkerville I extended the traverse up the valley of Williams Creek to the San Juan, the most southerly of these claims; up Stouts Gulch, tying in holdings there and on the head of Lowhee Creek; and to the Waverly property on Grouse Creek, tying in a lot at Pleasant Valley en route.

Waverly Mine.

During the past season the Waverly Company has renewed its water system and hydraulicked this summer, at present washing out ground to provide dump-space for tailings from the mine. C. W. Moore is in charge of the work.

Two pre-emptions, one on the Bowron Lake Road and one at Kibbee Lake, three miles from Bowron Lake, were surveyed. At this time it became impossible to get men; man after man was engaged, only to fail to come to work. The Mining Corporation of Canada, working on Proserpine Mountain, was offering steady work for the winter to all the men they could get. The residents of the Bowron Lake locality were in demand as guides to big-game hunters, a number of whom visit the district each fall. As a consequence it became impossible to keep the work going without incurring unwarranted expense and delay.

I made a traverse from Barkerville to Kibbee Lake, tying in a number of surveys made in the vicinity of Bowron Lake, thus enabling a complete map to be made of this locality.

Barkerville to Bowron Lake.

From a point a mile below Barkerville, the Bowron Lake Road originally intended as a road from Barkerville to the South Fork of the Fraser River, leaves the Cariboo Road, crossing Williams Creek, and running in a northerly direction through Little Valley, 8-Mile Creek, and Antler Creek Valley, the last-named creek draining into Bowron Lake, eighteen miles from Barkerville. Between Bowron Lake and Barkerville there is only one place that can make any pretence at being agricultural land, this being a swampy meadow fourteen miles from Barkerville, on which W. E. Brown has a pre-emption. The balance of the land is hilly, generally stony, and heavily wooded with timber of poor quality.

Bowron Lake.

Bowron River leaves the lake in a valley about a mile wide in places, gradually narrowing. Its elevation is 1,200 feet lower than Barkerville, or 3,100 feet. In several places there are benches on which the soil is good, a sandy loam, and the clearing fairly easy. There are also small natural hay meadows in places along the river. Several settlers have had places near the lake for some years, raising, however, little more than is necessary for their needs. None of them have cattle, but all have some horses. It is doubtful if any of these places would enable a man to make a living from agricultural pursuits. The settlers are all trappers and guides, and make from all sources a comfortable living.

From Bowron Lake the road extends down Bowron River for about eight miles; thence there is a trail for about thirty miles. The Fraser River Road was discontinued about two miles from the lake, in the valley of Kibbee Creek, and a trail extends to the Fraser. This trail is not now passable for horses, corduroy across swamp having floated out and rotted, and numerous windfalls having blocked the path.

Game.

Bowron Lake is the centre of one of the best big-game districts in the Province. From this point canoes and small motor-boats can be taken to Swamp River, the North Fork of the Quesnel, and through Swan, Isaacs, and Spectacle Lakes, only short portages being necessary. Moose are abundant, and I have seen the small meadows so trampled as to give the impression that a hundred head of cattle had pastured on them. The hunter who is after meat will have little difficulty in filling his larder. Of course, if a hunter is seeking a moose with a good head, he may not meet with success very easily, as a good spread seems to be rare among the moose of this district. Bear are plentiful, both grizzlies and blacks being found. Of the fur-bearing animals, good catches of marten and beaver have been made, while mink and fisher are occasionally caught.

Before concluding the report on this locality I desire to express my appreciation of the kindness of Messrs. Hopp and Bailey in placing their maps at my disposal and assisting in locating corners of the old claims. Some of these maps were made when traces of old posts, now obliterated, remained, and these were tied to existing points.

Placer-workings.

During the past season the following claims were being worked for placer: Mosquito Creek, Lowhee, and Stouts Gulch, by Hopp and associates; Waverly, by C. W. Moore; Walker Gulch,

by Joel Stevens; Slough Creek, by a Chinese syndicate; Jack of Clubs Creek, by McDougall & Reed; and Antler Creek, by Kilmer, McConnell, Tommy Burns, and others.

QUARTZ-MINING.

During the latter part of the summer nine claims on Proserpine Mountain and Grouse Creek were bonded from local prospectors by Robert A. Bryce and associates. These claims had promising showings in quartz and every indication of being the source, or part of the source, of the rich placer-diggings. Some rich assays were obtained and the average was ample to justify prospecting on an extensive scale. This winter Mr. Bryce is employing about sixty men in stripping veins and tunnelling, and a more definite knowledge of the ore-body will be available in a few months.

Of course, when news of the bonding reached outside points, certain excitement was created, and many were of the impression that a wonderful gold strike had been made. A few people came in and got very busy with axes, staking more claims in two months than had been staked in the district during the past decade. There is, I think, a good probability that some of the quartz will justify mining, and if this proves to be the case there is every reason to believe that the mines will be big. A number of years ago work was done on other quartz ledges in the district, but these did not pay and were closed down. The Proserpine Mountain veins are recently discovered and have not been worked previously. To develop any of these claims will be expensive and beyond the means of the small operator.

VICINITY OF QUESNEL FORKS.

There were some other surveys required in the vicinity of Quesnel Forks, and I had intended to reach them over the old Barkerville-Keithley Trail. This was in good shape when I was in the locality in 1916, but that fall, owing to heavy wind, it became blocked, and two men who had come over it on foot had been unable to follow it; both said it was quite out of the question to take horses over owing to lack of feed, and I decided it would be quicker to go round by way of Quesnel.

We had been troubled with snow and low temperatures since the end of September, but expected an Indian summer; this, however, did not materialize. Two pre-emptions owned by returned soldiers were surveyed near Quesnel Forks. This work was done in from 3 to 4 feet of snow. The third pre-emption, on 4-Mile Creek, I was unable to survey. There is no trail to it from the Forks. The men I had with me, residents at the Forks, did not know how to get there, and I was unable to get the pre-emptor to assist.

QUESNEL FORKS.

Quesnel Forks, a deserted village, lies at the junction of the North and South Forks of Quesnel River. The hills are high and steep, but the soil on the bottoms is of good quality, and good crops can be grown without irrigation. Grain, vegetables, and hay do well. Clearing is expensive, costing about $100 per acre. There is a limited local market for produce, chiefly at Keithley, where one mine is being worked by R. W. Harrison. Several trappers make Quesnel Forks, or the dam at Quesnel Lake, seven miles distant, their headquarters.

A road runs to Quesnel Forks from 150-Mile House, fifty-seven miles distant, and a weekly stage service is maintained. A sleigh-road extends to Keithley, eighteen miles farther, on Cariboo Lake. Mail is conveyed to Keithley weekly by saddle-horse. There is a telephone-office, connected with the 150-Mile House, at Quesnel Forks.

The past season was one of the worst I have known in the district, so far as climatic conditions were concerned. During August and September there was a great deal of wet weather. Toward the end of the latter month cold weather set in, with considerable sleet. Early in October snow started, and at the end of the month the temperature was as low as —20°, while the Barkerville road was blocked with over 2 feet of snow. November brought more snow and lower temperatures, a mild spell of a week's duration temporarily reducing the depth of snow, but heavy storms were experienced toward the end of the month.

However, with the exception of the hay on wild meadows and some small grain-crops, the farmers succeeded in saving their crops.

I have, etc.,

RUPERT W. HAGGEN, B.C.L.S., D.L.S.

NORTH-EASTERN LILLOOET DISTRICT.

By E. J. Gook.

Victoria, B.C., October 20th, 1919.

J. E. Umbach, Esq.,
Surveyor-General, Victoria, B.C.

Sir,—I have the honour to report on this season's survey operations in Northern Lillooet District. Part of the work consisted in the survey of scattered pre-emptions, some of which had been staked and occupied for years and were located in what might be termed long-settled areas.

Those situated between the 74-Mile House and the 127-Mile House, and lying west of the Cariboo Road, consisted of wild hay meadows, not premanently occupied, but staked by the occupiers of other and larger holdings in the vicinity and used only for cutting hay.

These wild hay meadows are found all over the plateau extending from the Cariboo Road to the Chilcotin River, a jack-pine country for the most part with gravel soil, but affording good range. The dearth of stock in a country where vetch and peavine grow in abundance is very noticeable. Most of these meadows are wet; where the water is alkaline the grass is more coarse, but where dry red-top and wild timothy prevail. They range from a few acres in extent to some of 100 acres, and in most cases the available area can be increased by clearing light willow and drainage. The present cost of hay is causing, and should cause, still more attention to these resources. They are of easy access, as the features of the country favour easy roads. The season this year was dry, and the hay crop from these meadows consequently short.

East of Lac la Hache.

East of Lac la Hache the country loses its plateau formation and is more broken up with lakes and fresh-water creeks, along which are lands which demonstration has proved will produce good crops and vegetables, whilst the area available for range is considerable. It is not a difficult country to put roads through. The possibilities for agriculture in parts east of the Horsefly Road towards Timothy Mountain appear quite favourable, but so far there is no settlement.

At Spring Lake splendid crops of barley are produced from fairly light soil.

Vicinity of Canim Lake.

Towards Canim Lake the proximity of the mountains is noticeable in the general humidity of the climate and the vegetation—cedar commencing to appear. There is a good settlement at Forest Grove, on Bridge Creek, which is extending towards Ruth Lake, a long irregular sheet of water running north and east. A wagon-road has been built for some two miles along this lake, discontinuing somewhat abruptly at a rock bluff for about half a mile, but carrying on to a couple of surveyed pre-emptions up Bradley Creek. This will no doubt be opened up in the near future and will open up the country along Bradley Creek. This creek drains from Little Timothy Mountain through Hawkins Lake to Canim Lake. Along it there is some good willow-bottom land varying in width from 5 to 30 chains in places. The soil is good and black, whilst the surrounding hillsides are fairly open, being covered with light poplar and pine, providing good range land for stock. There is good water. Horses run all winter in this part.

This same road should also open up two or three quarter-sections at the west end of Hawkins Lake; two pre-emptions were staked there some years ago, but there being no signs of occupancy they were not surveyed this season.

There is at present a fair pack-trail from Spring Lake via Forest Grove, Ruth Lake, Bradley Creek, and Hawkins Lake to Canim Lake.

Only one pre-emption was surveyed at Canim Lake, the remainder of the season being employed in the subdivision into quarters of lots surveyed some years ago, and which have reverted to the Crown under the "Soldiers' Homestead Act."

Generally the location is favourable for their settlement. Canim Lake is a very pretty sheet of water, and reminds one in many ways of Shuswap Lake, on the Canadian Pacific Railway main line, and there appears to be no reason why parts of it should not develop in a similar manner such as Salmon Arm. Its physical situation is very similar—i.e., just west of the mountains—and its peculiarity is its freedom from summer frosts. When such threaten

a mist is formed on the lake which wards off all danger. The shore has some splendid sand and gravel beaches, and apart from its agricultural possibilities its future as a resort is assured. At the particular part under report, from Jim Creek east to Bridge River, the land rises from the lake in gradual slopes, a light growth of poplar and willow predominating. The soil is a light loam on the benches, being darker and more fertile in the many parcels of bottom land, where willow and alder grow thickly. There are several fresh-water lakes with creeks and springs.

The country is served by the Pacific Great Eastern Railway, which will be operating past the 100-Mile House this fall. A good road permitting autos runs from there for twenty-five miles to Bridge Creek, at the west end of Canim Lake, from whence there are several motor-boats operating the remaining twelve miles on the lake. There is a pack-trail along the south side, and a wagon-trail has been started back from Jim Creek for some miles, the right-of-way having been cut and cleared except for removing stumps. There is a post-office with weekly service at Bridge Creek.

There are no industries in the neighbourhood, though prospecting still continues on Deception Creek, some five miles north of the east end of the lake, where traces of gold have been found—and the creek christened accordingly.

Some excellent land in the vicinity is owned and occupied by a party who has proved by demonstration that the climate and soil are all that can be desired for the production of grains, such as barley and oats, and horticulture produces wonderful results. His experiment with strawberries, which were still producing late in August, foretell a profitable future with the railway only three hours away. Other small fruits do equally well. Sheep, cattle, horses, and hogs are also handled successfully.

There is no merchantable timber in the vicinity, the timber being mostly small pine, poplar, and birch, with scattered fir and cedar sometimes as much as 3 feet in diameter. The cost of clearing should not be heavy.

The climate is particularly mild, without extremes. The present season, though dry, had no apparent effect on crops, etc., an abundant dew falling, eliminating the question of irrigation ever being required. The lake does not always freeze over in winter.

The usual game abounds—duck, grouse, deer, and bear, the latter being plentiful. On Bridge River, a mile and a half from Canim Lake, commencing at the foot of a 200-foot fall, is over four miles of the finest fly-fishing conceivable. This condition continues into Mahood Lake, which is full of rainbow trout, and there is no doubt that this place will be featured by the Pacific Great Eastern Railway as a health, pleasure, and game resort.

I have, etc.,
E. J. GOOK, B.C.L.S.

NORTHERN LILLOOET DISTRICT.

BY F. TUPPER.

VANCOUVER, B.C., November 10th, 1919.

J. E. Umbach, Esq.,
Surveyor-General, Victoria, B.C.

SIR,—I have the honour to submit the following report on the work done by me in the Lillooet District during the past season.

The land surveyed is scattered over a considerable extent of country and necessitated a considerable amount of travel by wagon and pack-train. The different localities in which my work lay were Dog Creek Valley, Alkali Lake, Empire Valley, Churn Creek, junction of Chilcotin and Fraser Rivers, Gaspard Creek, and Meadow Lake. Along Dog Creek six pre-emptions and four Government lots were surveyed; near Alkali Lake two pre-emptions and four Government lots; Empire Valley, three pre-emptions and two Government lots; Churn Creek, one pre-emption and one Government lot; junction of Chilcotin and Fraser Rivers, four pre-emptions; Gaspard Creek, one pre-emption; and Meadow Lake, two pre-emptions. The total acreage surveyed during the season was 4,447 acres. In addition to the above surveys, a considerable amount of tie traverse was run.

Agricultural Possibilities.

With regard to land surveyed along Dog Creek, a good deal of it lies above the junction of Pigeon Creek, where the elevation is too high for the growth of crops, with perhaps the exception of oats, of which I saw several experimental patches which appeared to be doing well. Farther down the valley, however, towards the Dog Creek Post-office, the elevation is much lower and summer frosts less frequent. Here excellent crops of roots, oats, and barley were to be seen. The country is very dry, however, and irrigation is necessary for successful farming.

Alkali Lake.

The lots surveyed near Alkali Lake lie on a level plateau overlooking the Alkali Creek Valley. The soil here is of good quality, but the scarcity of water is a great drawback, and the dry-farming system is the only principle on which farming can be carried on there.

Empire Valley and Vicinity.

At Empire Valley the pre-emptions surveyed consist for the most part of elevated benches overlooking the Fraser Valley. The soil is very good, and, with irrigation, is capable of growing almost all kinds of vegetables and grain. The Government lots are on the high lands overlooking Brown's Lake, and although the soil is good the absence of water makes them only suitable for grazing purposes.

Churn Creek.

At Churn Creek the country is very steep and broken, with occasional small flat areas, on which the soil is very good and capable of growing good crops where water can be applied, which is possible in some places.

Junction of Chilcotin and Fraser Rivers.

Near the junction of the Chilcotin and Fraser Rivers the pre-emptions there surveyed are mostly open prairie country overlooking the river-valley, on which the soil is of good quality. Several of the settlers here had extensive patches of land under oats, and which looked exceedingly well at the time of survey.

Gaspard Creek.

At Gaspard Creek the one pre-emption surveyed was of rather poor quality, with the exception of a strip of good land along the creek. The country here is purely range country and is unsuitable for farming.

Meadow Lake.

In the vicinity of Meadow Lake the country is, on account of the high altitude, quite unsuitable for farming and is purely a stock country, with occasional patches of wild hay meadow.

Transportation.

The settlers along Dog Creek are well supplied with very fair roads. A good wagon-road runs right down the creek-valley from Big Lake to the Dog Creek Post-office and there joins the stage-road from Clinton. There is also a good wagon-road running from the junction of Pigeon Creek and joining the Main Dog Creek Road from Clinton near Meadow Lake, from whence there is a first-class road to the 59-Mile House on the Cariboo Road and the Pacific Great Eastern Railway (now under construction).

The Alkali Lake country is blessed with a first-class road either to the 150-Mile House via Springhouse, or to Clinton by the main stage-road via Dog Creek.

On the west side of the Fraser River the country is well supplied with roads, but the steep, broken nature of the country prevents the hauling of heavy loads. But as it is essentially a stock country, this is, perhaps, not a very serious drawback.

Climate.

Along the Fraser Valley and in the lower portion of the Dog Creek Valley, which is considerably lower than the surrounding country, the summer climate is very suitable for the growing of crops, but the surrounding elevated plateaus are too high for successful cultivation,

summer frosts being frequent. The winter is cold, occasionally the temperature going as low as 40 degrees below zero. The annual rainfall is said to be about 12 inches, and 2 feet is about the average snowfall.

GAME.

Game was exceedingly scarce in the Lillooet District this year. A few ducks and geese and an occasional grouse were all that were seen. Fish, however, were very plentiful in the lakes and streams and were easily caught, rainbow trout being the most common variety.

CONCLUSION.

In conclusion, I would say that, with irrigation, the land surveyed in the Fraser Valley and the lower portion of the Dog Creek Valley is very suitable for farming, and that the settlers, with the existing roads and the early completion of the Pacific Great Eastern Railway, will soon be able to transport their produce to the markets at the Coast. But as to the higher areas, the country is only suitable for stock-raising, and farming is not likely to prove a success and is not likely to be attempted to any extent.

I have, etc.,
F. TUPPER, B.C.L.S.

SOUTH LILLOOET DISTRICT.

BY G. M. DOWNTON.

LILLOOET, B.C., November 6th, 1919.

J. E. Umbach, Esq.,
Surveyor-General, Victoria, B.C.

SIR,—The season's work in Southern Lillooet District consisted of the survey of a number of pre-emptions which were staked prior to the amendment of the "Land Act" and still remained unsurveyed, and also the survey of a few tracts of land suitable for settlement adjoining or in the immediate vicinity of the pre-emptions.

The work was carried on in three district areas—namely, Fountain Creek Valley, Big Bar Mountain, and the Pemberton area—all of which differ considerably in altitude, climate, and general characteristics.

Fountain Creek Valley lies in a northerly and southerly direction about four miles due east of Lillooet, and is separated therefrom by a rugged mountain range known as "Fountain Ridge," the summits of which average about 5,000 feet above sea-level.

Access to the valley can be gained from either end, the best way being by a wagon-road which branches from the Lillooet-Ashcroft Road near the Fountain Ranch and enters the north end, continuing for eight miles up the valley. The other rather unfrequented way is to take a pack-trail which winds up the valley of Cinquefoil Creek from a point on the Lytton-Lillooet Road near where the north boundary of the Dominion Railway Belt crosses the Fraser River, known as "Foster's Bar." This trail enters the valley from the south end and connects with the wagon-road before mentioned just north of the southernmost lake, known as "Fish Lake," on Indian Reserve No. 6; and here it may be noted that there is no break in the continuity of the valley of Fountain Creek and Cinquefoil Creek, the two valleys being a continuation of each other, and the divide being at a point about one mile south of the north boundary of Indian Reserve No. 6, at a height of 2,600 feet above sea-level.

The whole valley thus formed has been called on some maps "Three Lake Valley" on account of the three small lakes which are situated near the summit of the divide above mentioned, and in this report the term "Founfain Valley," as it is locally known, may be taken as meaning the whole, rather than that part of it only which is traversed by the Fountain Creek.

The valley is very narrow and flanked throughout its length on the west side by the precipitous Fountain Ridge referred to above. On the east side the foot-hills of the Clear Mountains slope more gently back, except in the immediate vicinity of Rusty Creek, and are uniformly covered with a fairly dense growth of fir interspersed with yellow pine, but except in the valley-bottom there is very little level ground suitable for agricultural purposes.

From end to end the width of the valley-bottom hardly exceeds a quarter of a mile, and in general the land suitable for agricultural purposes is confined to this narrow strip, except near the north end, where some wider benches above the general level of Fountain Creek have been brought under cultivation by utilizing the water of the creek, diverted higher up, for purposes of irrigation.

At the present time all the land in the valley-bottom is either occupied by Indian reserves or is surveyed and held by settlers, either by purchase or under pre-emption record, and outside of the Indian lands only two or three holdings have an area on them of more than about 40 acres in extent capable of being brought under cultivation. All the remainder lies on uplands more or less densely clothed with timber, except where here and there a small draw contains some patches of land covered with cottonwood and alder which might be cleared and planted as a small garden.

At the time when the Pacific Great Eastern Railway was under construction along the Fraser River, Foley, Welch & Stewart established a sawmill about three miles up the valley, and several of the operatives, or others brought thither by the railway activity, staked pre-emptions on the hillsides in the immediate vicinity, but without any very definite idea of ranching.

There are some fine hay meadows situated on Indian Reserves Nos. 4 and 5, but these were not irrigated or cut this year. Charles Adolph, an Indian, has cultivated a strip a mile long and about a quarter of a mile wide at the north end of Indian Reserve No. 6, at an altitude of 2,600 feet, within the last five years, and has fully demonstrated the agricultural possibilities of the valley, and there are some small patches of cultivated land farther south on this reserve, the whole of which could be brought under cultivation.

The foot-hills of the Clear Mountains on the east of the valley provide good summer range for cattle and horses.

The rainfall is considerably greater than in the valley of the Fraser River, but it is not enough to raise crops without irrigation. The summer temperature is also much cooler.

Mr. Owen, on Lot 3450, has demonstrated the possibility of fruit-growing and general mixed farming here at an altitude of 1,600 feet, but I do not think fruit could be grown any higher up the valley.

There is a good place on Cinquefoil Creek formerly held under pre-emption record by the late Martin Hogan, who made about $500 worth of improvements on the said land. This land has now been surveyed as Lot 4321 and adjoins Lot 4119 on the south. The altitude of this land is about 2,250 feet above sea-level.

Big Bar Mountain.

On completing surveys in the Fountain Valley I proceeded to Big Bar Mountain on July 15th via Kelly Lake. Until about 1912 Big Bar Mountain was used exclusively as a range for cattle. It is really more in the nature of a rolling upland plateau of an average elevation of about 3,700 feet above sea-level than a mountain. Large open tracts of country exist here, with little or no timber and covered only with bunch-grass and wormwood, and it reminds one more of the ranges of Western Alberta than anything else. Fir and black pine grow in definite clumps, with little or no underbrush, except patches of second growth, and cottonwood in the moist spots.

The Western Canadian Ranching Company, locally known as the "Gang Ranch," have for many years had a range here, where the stock do well on the bunch-grass.

In 1912 or 1913 Mr. Neas, of Big Bar, pre-empted 160 acres of land adjoining the north boundary of the Gang Ranch, and ploughed it up and sowed fall wheat. No water was available for irrigation and he determined to experiment in dry-farming. Since then several settlers have followed his example and until this year their crops have been fair.

This year the drought dried up not only the crops, but the grass on the range. A remarkable plague of grasshoppers followed, eating up practically everything.

The fall wheat, though thinned by the drought, escaped to a large extent the ravages of the grasshoppers, as the stems were too tough for them to tackle, but they cleaned up the oats almost entirely which were planted in the spring, and the grass ranges were eaten entirely bare except for wormwood. It is held by settlers in the neighbourhood that the extraordinary number of grasshoppers was due to a large extent to the mildness of the winter of 1918-19, which failed to kill the eggs. The exceptionally light snowfall last winter accounted for a

great lack of moisture from the melting snow, on which those farming on the dry system depend for their moisture. The result has been most disappointing and serious for the whole community.

This area is dotted about with numerous small lakes. These for the most part have no outlet and depend on the winter snow for replenishing their supply. In consequence of the light snowfall these lakes were extremely low and in many cases practically dry this year. In ordinary years they are more or less impregnated with mineral salts. This feature was aggravated to such an extent this year as to render the water not only unfit for the cattle, but almost a nuisance in the neighbourhood from the smell from them. The local water-supply is obtained by sinking wells in the draws or depressions among the small clumps of cottonwood, but this was seriously menaced this year, and in some cases wells which had hitherto given an adequate supply dried up, and new wells higher up the draws had to be dug and the water carted to the settlers' houses in tubs, in some cases a distance of two or three miles. A return to normal conditions may correct this, and it is greatly to be hoped that there will not be a recurrence of this year's conditions.

It is practically essential for settlers here to have more than 160 acres to put under cultivation, as the dry-farming principle only works to the best advantage if the land is put into crop on alternate years; one area being summer-fallowed while the other is put into crop, and vice versa.

Large tracts here need no clearing at all. The plough can be put right into the ground, but only level land or that with quite a gentle slope can be successfully cultivated.

My surveys were almost entirely confined to Big Bar Mountain this year, and I was surprised on visiting this neighbourhood to notice the improvements which had taken place since my last visit in 1914.

Big Bar Mountain is best reached by the Clinton-Dog Creek Road, which leaves the Cut-off Valley half a mile east of Kelly Lake, near Lough Raymond Station, on the Pacific Great Eastern Railway, and follows up the valley of Porcupine Creek, and thence over the divide near Lot 3457, at an altitude of 4,400 feet above sea-level, and thence on a gradual descent to the Mountain House (Jesmond Post-office), twenty-two miles from Kelly Lake. The Mountain House has long been a stopping-place for travellers, where comfortable accommodation is provided by Messrs. Caldwell. Four miles beyond Jesmond Post-office, at James J. Riley's ranch, the road to Big Bar Mountain branches off the main road, the sign-post being marked "To Crow's Bar 14 miles."

Mr. Riley has a store near the fork of the roads, and there is also a good store on Big Bar Creek kept by Frank Engemann; this store is situated near the point where the new Government road climbs out of Big Bar Creek on to Big Bar Mountain.

Several settlers approached me this year with a request that I would survey land for them suitable for settlement in the immediate vicinity of their present holdings. This I was unable to do except in two or three instances owing to the limited time at my disposal, but there are some tracts in this neighbourhood which would make good ranches and might with advantage be surveyed.

The winters are very cold, but the winter snowfall is not excessive, seldom reaching 2 feet on the level. The summers are hot and dry, this summer being especially so.

PEMBERTON SECTION.

On August 28th I completed my operations in the vicinity of Big Bar, and proceeded to D'Arcy, at the south end of Anderson Lake, to commence operations on the Pemberton section.

The area reported on under this section comprises a large one, including the Pemberton Portage from the south end of Anderson Lake, south to the valley of the Lillooet River, including the Blackwater and Birkenhead Lakes; the Upper Lillooet River from Lillooet Lake, north-westward for about twenty-four miles, and the north-western ten miles of Lillooet Lake.

I consider that over the whole area above mentioned there is no vacant Crown land which is suitable for settlement at the present time.

This is a sweeping statement to make over so large an area, but all the land suitable for settlement has long since been taken up, and with the exception, perhaps, of an odd acre here and there between the foot of the mountain and the back of ranches, there is practically nothing left.

The climate of this area closely approximates that of the Coast. The rainfall in the valley of the Lillooet River is about 25 inches, while the snowfall approximates 100 inches, equal possibly to about 10 inches of rain.

There is a limited amount of good land along the Pemberton Portage and a good deal of good timber, all held under timber leases, but the valley is very narrow and could never accommodate a large population. It is traversed throughout its length by the Pacific Great Eastern Railway. The valley of Blackwater Creek is mostly heavily timbered, with the exception of a muskeg between Blackwater Lake and Phelix Creek, which might be drained and cleared and produce good hay. There is a limited amount of flat land at the south end of Birkenhead Lake, but this is rather stony and is covered either by Crown-granted lots or held under pre-emption record. The valley of the Upper Lillooet River, however, presents a different aspect, and I was very much impressed by what I saw there this fall. It was my first trip up the river, although I carried out some surveys at the north-west end of Lillooet Lake in 1913.

I was particularly struck, first, by the large area of flat, easily cleared land in the valley, and, secondly, by the rather neglected and deserted appearance of the place. There are at the present time thousands of acres of good bottom land which are either being quite neglected or on which the farming is of a very negligible quantity. The valley could support a large population and the soil should grow practically anything that is put into it. At the present time there are two factors which discourage settlement—viz., flooding and mosquitoes.

The latter nuisance is mainly the outcome of the former, and I am convinced that with proper handling the former could be prevented. It is a large subject and one which has engaged the attention of competent engineers in the past. The solution lies in lowering the level of Lillooet Lake and straightening the Upper Lillooet River.

The log-jams in the river have accumulated in numbers of places and the river has cut new channels for itself in all directions, and at the present time is seriously menacing some of the best land in the valley. Serious floods occur year after year, and the sloughs and marshy land thus created form a breeding-ground for mosquitoes, which in July and August render life almost unbearable.

A reclamation scheme embracing both the lake and upper river would have the effect of enhancing the value of the land, which is now rapidly reverting to its original wild condition.

The lowering of the lake has already been the subject of reports, and estimates of the cost have been submitted. One estimate placed the cost at $75,000. This would reclaim an area of about 7,000 acres; the straightening of the river another 10,000 acres.

The river needs a careful examination and survey; the mouths of some sloughs blocked up and others cleared; submerged jams cleared at some points and piles driven and connected by booms in other places. The yearly erosion at some points is enormous, and in one place that I noticed a settler's house and barn are bound to be swept away in another year at the present rate. The sloughs which are blocked silt up at once, and if once the river was fixed a motor patrol-boat could keep it clear of jams by sawing them up and blasting here and there. A great deal could be done at the present time with a donkey-engine and winch and a steel rope and grappler, and subsequently used in clearing land. The clearing and adequate draining of the valley and prevention from flooding would go a long way towards eliminating the mosquito pest.

No report on the valley is of any value which neglects to present the matter in its true light.

The possibilities of the valley from the point of view of agriculture cannot be overestimated. The growing season is long and the winter mild, and the snow falls before the ground freezes.

The valley can be reached very easily from Vancouver via Squamish and the Pacific Great Eastern Railway, leaving Vancouver by the Terminal Steamship Company's steamer at 9 a.m. and arriving at Pemberton Station about 4 p.m.

There are three good stores in the neighbourhood. One of them is situated at Pemberton Station and is kept by Mr. Wellington; another about one mile from Pemberton Station, kept by the Pemberton Trading Company; and one at Owl Creek, near the Dominion Government Fish Hatchery, kept by Mr. Spetch.

Settlers wishing to examine the Pemberton Portage can alight from the train at one of three places, at all of which the train stops—viz., Dominion Hatchery, Birken, and D'Arcy, the latter place being situated at the extreme north end of Pemberton Portage on the shore of Anderson Lake.

Lastly, a word as to Lillooet Lake. There is no vacant land suitable for settlement on either shore of Lillooet Lake for the first ten miles down from the north-west end, nor would the lowering of the lake reclaim any land here, except at the extreme north-west end, as the shores are steep and rocky and there is deep water right along the cliffs. Silt from the Upper Lillooet River is gradually being deposited at the mouths of the river, which at its entrance into the lake at the north-west end flows in two or three channels, and the lowering of the lake would leave a large expanse of sand-bar permanently bare which is now covered at high water.

The present range of high and low water in the lake is certainly not less than 10 feet, highest water occurring in July and lowest water in March. The large difference of the water-level is due, I should judge, to the fact that the cross-section of the outlet to the lake at the southern end is not large enough to carry away the flood-water from the Upper Lillooet River, which river discharges at flood something in the neighbourhood of 15,000 cubic feet per second. The lake thus becomes a reservoir and backs the water up the first six or seven miles of the river and causes floods.

There is a large quantity of good timber on both sides of the lake, some of which is not held under timber leases. This also applies, I believe, to the southern part of the lake, which is about eighteen miles long, but I was not able to confirm this by a personal visit, as my work this year only took me about ten miles down.

The lake is considerably narrower than is shown on the present maps, the average width not exceeding three-quarters of a mile.

I have, etc.,
G. M. DOWNTON, B.C.L.S.

NAZKO RIVER VALLEY, CARIBOO DISTRICT.

BY W. C. MERSTON.

VICTORIA, B.C., November 17th, 1919.

J. E. Umbach, Esq.,
Surveyor-General, Victoria, B.C.

SIR,—I have the honour to submit the following report on the surveys made by me in the Cariboo District during the past season.

Work was commenced at Alexis Creek. The land surveyed was scattered over a large extent of country and necessitated a considerable amount of travel by motor, wagon, and pack-horse.

Commencing at Alexis Creek, I surveyed four pre-emptions and four lots up the Chilcotin Valley. After completing my work in this locality I moved north up Alexis Creek to the head-waters of the Nazko River, then down the Nazko Valley to the Nazko Indian Reserve. On the way I surveyed two pre-emptions. All the lots surveyed were connected by tie-line, and the total surveys for the season amounted to 1,362 acres and sixty miles of tie-line. Owing to the scattered nature of the work no less than twenty-four camps were made in the two months I was in the field.

CHILCOTIN VALLEY.

Chilcotin Valley is well populated, with small settlements grouped around the numerous mail-distributing centres. The chief settlement in the valley is Alexis Creek, which boasts of a good general store kept by Tom Lee, a post and telegraph office kept by Mrs. Graham, an hospital under the charge of Dr. Wright, and a Royal North-west Mounted Police station. The principal occupation of the settlers is stock-raising, carried out on a large scale.

The home ranches scattered along the Chilcotin Valley grow good crops of hay, vegetables of all kinds, and small bush-fruit. Sheep and dairy cattle are kept for home consumption. Hay for winter feed from December to April is put up in large quantities on the home ranches and on wild hay meadows in the surrounding country.

The soil in the vicinity is chiefly on dry bench land, and to be profitably worked requires irrigation. Most of the larger ranches have constructed irrigation ditches, drawing water from the Chilcotin River.

The range around the valley appears to be overstocked and is held chiefly by ranch-owners operating on a large scale.

A good wagon-road runs the entire length of the valley, over which a motor mail-stage operates once a week between Alexis Creek and 150-Mile House on the Cariboo Road.

Alexis Creek Valley.

Alexis Creek Valley is about twenty miles long and for the most part is narrow, with little soil. The few open flats and willow bottoms scattered at irregular intervals along the bottom have all been taken up and surveyed. The open flats are arid grazing lands, growing a fair quality of bunch-grass. The willow bottoms if cleared are capable of producing vegetables or hay.

Alexis Creek is a shallow sluggish stream, flowing over a gravel bottom. At its junction with the Chilcotin Valley it was found to be 12 feet wide and 4 inches deep (September).

A poor and rocky wagon-road runs along the west side of the valley. Some twenty miles from the Chilcotin Valley this road crosses an imperceptible divide. A large swamp at the head of the divide drains to the south by Alexis Creek, and to the north through a series of swamps and lakes to the Nazko River.

Nazko Lake Vicinity.

The country around the watershed is rolling and rocky, the soil having been burned away by successive bush fires. About three miles beyond the summit the wagon-road passes by Loomis and Goring's home ranch (N.W. ¼ L. 4799). These two settlers have been in the country about ten years, raising cattle profitably. A large garden in front of their house grows good turnips, beets, carrots, and cabbages.

A couple of hundred yards before this ranch is reached there is a fork in the wagon-road. The left branch runs to the Nazko Indian Reserve by way of the Clisbako River. This road is little used and is much blocked by fallen timber. The road to the right runs to Martin's meadow (Lot 352) by way of Loomis and Goring's meadow (Lot 8702), a distance of approximately twenty-two miles. The whole of this road was cut and built entirely by the settlers in the country without any Government assistance.

The country for some miles on either side of the road is undulating, and is mostly covered with rather stunted second-growth jack-pine. The soil is shallow and rocky. In the depressions are scattered small swamp-hay meadows. The majority of these are either too small or too wet to cut profitably. The few larger meadows have all been taken up and surveyed. They grow a good quality of swamp-grass, which, though not fattening, will keep the cattle alive during the winter.

Five miles from Loomis and Goring's home ranch (Lot 4709) a road branches to the left and runs north for a mile to Cooper's meadow. This was surveyed as Lot 6699. The pre-emption is productive and yields annually about 80 tons of good-quality swamp-hay. The wagon-road finishes at Martin's meadow (Lot 352) and is succeeded by an indifferent trail which runs down to the Nazko River at Lot 8703. The country between Martin's meadow and the Nazko River is valueless and is chiefly rock and stunted jack-pine.

Nazko Valley.

Nazko River leaves the north end of Nazko Lake. Here it has a width of about 40 feet and is from 1 to 2 feet deep, flowing with a speed of about three miles an hour over a muddy bottom. From Nazko Lake to Lot 8703 the river runs through a narrow valley with steep, rocky side-hills. In places the valley widens and small lakes are formed. This piece of the river was not explored. From Lot 8703 north the valley widens out, leaving grassy flats approximately half a mile wide, through which the river winds. These flats in places are covered with willow and small poplar, but for the most part are open. The soil is dry and sandy with a gravel subsoil and grows good summer feed. In places where the soil is more moist wild hay and peavine thrive. The side-hills which border the valley become less steep and in places grow good grass for summer range.

A few cattle were seen grazing, but there appears to be range available for an additional 600 head or more. There are approximately 3,000 acres of unsurveyed land fit for pre-emption in the Nazko Valley. This land, in conjunction with wild hay meadows to the east of the valley, is fit for settlers wishing to start in the cattle-raising business in a small way.

A good trail runs down the valley as far as the junction of the Clisbako River. From this point a wagon-road has been cut out to the Nazko Indian Reserve.

The country to the east of the Nazko was not explored, but several good hay meadows were reported.

From the junction of the Clisbako River north the valley has been surveyed. Several settlers, with their wives, have taken up land and are farming profitably. Good crops of timothy hay and oats were seen, and vegetables of all sorts were grown for home consumption. Potatoes were successfully grown on the east side of the valley. Those on the west side suffered from summer frost. The settlers in this part of the valley get all their supplies by way of Quesnel.

Wagon-roads run from the Nazko Indian Reserve to Quesnel, Blackwater, Baezaeko River, and up the Nazko Valley. The first two of these are good, the latter are poor and stony.

Fish Lake Vicinity.

The country between the Nazko Valley and the Baezaeko, with the exception of a few scattered hay meadows, is valueless. The soil is thin and rocky, with scattered jack-pine.

About eleven miles from the Nazko Indian Reserve the road passes by Fish Lake. Indians from as far as Alexis Creek come here in September to put up fish for the winter. The trout, running as long as 18 inches, will not take a fly and were caught by the hundreds with nets and traps.

Between Fish Lake and the Baezaeko River, a distance of about three miles, are several good hay meadows, two of which were surveyed for pre-emptors. Others were occupied by Nazko Indians and are held by them under lease. This country, where the soil permits, will grow hardy vegetables, but not potatoes. From Fish Lake the wagon-road runs on to the Cluskus Indian Reserve. This was not explored.

Game.

No game was seen until the Nazko River was reached. This river abounds in trout and whitefish. About forty trout were caught with fly each evening after supper. The average weight was about ½ lb. Mallard ducks were plentiful and were very easy to get along the river. Grouse, both willow and Franklin, were scarce except in the Fish Lake locality, where they were plentiful. Geese were plentiful in the latter part of September, but were hard to get. No moose were shot, but our teamster reported seeing one swimming a small lake in the vicinity of Fish Lake.

I have, etc.,
W. Merston, B.C.L.S.

UPPER CHILCOTIN VALLEY, COAST DISTRICT.

By T. H. Taylor.

Vancouver, B.C., October 21st, 1919.

J. E. Umbach, Esq.,
Surveyor-General, Victoria, B.C.

Sir,—I have the honour to submit the following report on the work done by me in the vicinity of the headwaters of the Homathko River and Tatlayoko Lake, Range 1, Coast District:—

My work consisted chiefly in running tie-lines and surveying pre-emptions held by pre-emptors who have been serving in His Majesty's Overseas Forces and pre-emptions actually being occupied. This necessitated much moving about from place to place. The first work undertaken was a tie-line down the Klinaklini River, a distance of 16.69 miles, connecting up Lots 559, 1077, 784, and 1082. I also surveyed a 160-acre Government lot adjoining Lot 559. The country lying along this tie-line is worthless for agricultural or grazing purposes, the soil being sandy and rocky, partly burnt over and covered with small jack-pine.

The next work undertaken was a tie-line down the West Branch of the Homathko River, starting at the south-east corner of Lot 54 and ending at the ford of the Homathko River, which is 1.72 miles below the south end of Middle Lake. I connected up all existing surveys along this traverse and surveyed two pre-emptions, one for a settler living on his place and the other for a soldier absent on active service. Owing to not being able to ford the Homathko River and the country being flooded generally, I was unable to survey the Newton E. Irwin pre-emption.

I planted several reference posts on the tie-line near the ford, so that this pre-emption can be readily connected up when surveyed.

A triangulation survey was made of Middle Lake, as both shores are rough and the chopping heavy. A good base-line was obtained at the north end of the lake. The length of this tie-line is 24.2 miles.

Headwaters of Homathko River.

From Tatla Lake to the head of Buff Lake the country is rolling, covered mostly with jack-pine and poplars, and numerous small lakes abound. The land as a rule is unfit for agriculture, but affords excellent grazing, peavine especially growing luxuriantly. From the head of Buff Lake and the end of a rough wagon-road from Tatla Lake a trail crosses a ridge about 500 feet above the level of the lake in order to avoid bluffs along the shore of the lake.

The valley below Buff Lake is about ten miles wide. About 20 chains of bottom land on each side of the river is fit for agricultural purposes and is covered mostly with willow, poplar, and jack-pine. The balance of the valley slopes gently up to the mountains and affords fine summer grazing for stock. It is covered with scattered fir, jack-pine, and balsam. Two settlers are now living in this part of the valley. The West Branch of the Homathko is a swift-flowing stream averaging about 2 chains in width.

Tatlayoko Lake and Vicinity.

A tie-line was run along the east side of Tatlayoko Lake from the north to south ends, a distance of 15.98 miles, connecting up Lots 827, 1075, and 838. Two pre-emptions were surveyed for soldiers, one of whom I believe was killed in action, and the other is not living on the land. All surveyed lots along the line were connected up.

The land on the east side of Tatlayoko Lake for a distance of about ten miles from the north end of the lake consists of level benches containing some good land fit for agriculture, and which can be irrigated from numerous small streams running into the lake. The land is covered with scattered fir, poplar, balsam, and jack-pine. From the shore of the lake to the foot of the mountains, a distance of about three miles, there is the finest kind of summer grazing. A plateau extends from the summit to Chilko Lake, which also affords good summer grazing.

The west side of Tatlayoko Lake is rocky, the mountains coming right down to the lake. A fair wagon-road runs from Tatla Lake to the head of Tatlayoko Lake, and to the foot of the lake there is a good trail. I completed the season's work by surveying three pre-emptions and two 160-acre Government lots near the head of the lake. Also one pre-emption and one 160-acre Government lot adjoining Lot 217.

Climate.

The climate is very hot during the summer months. Very little rain fell during the summer, and towards the middle of August many of the creeks were dried up. On July 7th we had a heavy summer frost. The winters, from all accounts, are not very severe.

Game and Fish.

Game of all kinds is very scarce. A few years ago there were numerous bands of big-horn sheep along the east slope of Tatlayoko Lake, but they have almost entirely disappeared. Deer and grouse were also very plentiful, but have either been killed off or migrated to other parts. A fish called "Sap-eye" by the Indians, a species of salmon, is plentiful in Sap-eye Lake, at the head of the West Fork of the Homathko River. A few trout are found in the Klinaklini River. There are no fish in Tatlayoko Lake, the water, it is said, being too deep. Ducks abound in the numerous small lakes.

Conclusion.

The country as a rule is strictly a stock country, although Robert Graham, of Tatla Lake, has been successful in raising some fine potatoes and vegetables.

There are thousands of acres of the finest summer grazing untouched. The trouble is that all the natural hay meadows have been taken up years ago, and the average settler is adverse to clearing lands for growing hay, although the clearing would be very light, on an average costing from $25 to $50 per acre.

I have, etc.,

T. H. Taylor, B.C.L.S.

PEACE RIVER DISTRICT.

By A. R. Barrow.

Pouce Coupe, B.C., November 6th, 1919.

J. E. Umbach, Esq.,
Surveyor-General, Victoria, B.C.

Sir,—The larger part of the country drained by the South Pine River and its tributaries is outside the Dominion Peace River Block, with which this report is not concerned.

The river which heads in the Pine Pass is swift, but navigable by good canoe-men. The mountains, of less elevation going down-stream, are generally close to the river, but leave some fertile flats in the bends. At intervals they are two to three miles from the stream, leaving room for valleys of larger extent, in which natural hay meadows alternate with patches of timber. The total area of agricultural land in the basin is about 220 square miles, according to the report on the forests of British Columbia by the Commission of Conservation, 1918. This, however, includes the area within the Dominion Peace River Block. The mean elevation appears to be about 2,400 feet.

The district is accessible by canoe or bateau from Giscome Portage, down the Crooked, Parsnip, and Peace Rivers to the Rocky Mountain Canyon, within fourteen miles by wagon-road from Hudson Hope, from which place good pack-trails lead south across the Peace River Block. This route is probably still the most reliable, but farming machinery cannot be so transported. There are steamers running at irregular intervals from Peace River Crossing to Hudson Hope during the season of navigation from June to October, and there is an unfinished railway, which, however, accepts traffic, from Edmonton to Grande Prairie, from which town a wagon-road, with two unbridged rivers, leads to the forks of the Pine and Murray Rivers, 143 miles.

The upper waters of the Murray River can also be reached by a wagon-road of ninety miles from Grande Prairie, up the Red Willow River, a tributary of the Wapiti. There are trails from the headwaters of the Red Willow to the Murray River.

The official names of the rivers will be found to differ from those used locally, and in some cases the same name applies to different rivers, which tends to misleading information being offered in good faith. The following are some of the names likely to lead intending settlers into difficulties:—

Official Name.	Local Name.
Centurion Creek	Waby Creek.
Coldstream Creek	Coldbrook.
Cowie Creek	Prairie Creek.
Hasler Creek	Coal Creek.
Kiskatniaw River	Cutbank River.
Murray River	Sekunka River.
Sekunka River	Cowie River.
Tremblay Creek	Buffalo Creek.

There are post and telegraph offices at Pouce Coupe, 53 miles, Hudson Hope, 47, and Fort St. John, 45 miles from the forks of the Pine and Murray Rivers. The mail is weekly to Pouce Coupe and fortnightly to the other offices. The telegraph-offices cannot be relied on to be open for days at a time, but usually afford quicker communication than the mail. There are no market towns, but general stores at Pouce Coupe and the Pine-Murray Forks, with Hudson's Bay Company's posts at Hudson Hope and Fort St. John.

There are indications of coal and oil in the district, and the industries include two small sawmills and a flour-mill.

The general character of the soil is black leaf-mould with sandy loam or clay subsoil. On the flats adjoining the main river the soil is generally less deep than on those near the tributary creeks. It appears to be well adapted for garden produce and oats, and the rich wild hay in the meadows and the grass on the hill-slopes suggest cattle-raising on a moderate scale.

The most generally distributed timber is poplar, with willow and some alder on the lower lands. There is, however, sufficient spruce for building and some birch. The cost of clearing would probably average $30 an acre.

There is little surveyed land in the district under consideration, the largest area being that known as the "Burns Block," near the south-west corner of the Dominion Government Block.

There is also south of the Dominion Block a group of townships, Nos. 19 to 28, which are not on the Pine watershed and which are outside the scope of this report.

There appears to be no meterological record extending over any considerable period. This year, 1919, August was uniformly wet. There had been no frost to hurt any crops to September 19th, when the writer left the district. It was necessary to feed cattle from October 20th, a month earlier than had ever before been experienced by the old settlers.

Of large game, moose are the most plentiful; there are a few deer and some caribou near the headwaters of the river. Of bears, there are both black and grizzly. Willow-grouse were plentiful in September.

The few lakes contain whitefish and jackfish. Grayling are plentiful in the rivers and creeks, with some rainbow trout.

I have, etc.,
A. R. Barrow, B.C.L.S.

NICOLA VALLEY, KAMLOOPS DIVISION OF YALE DISTRICT.

By O. B. N. Wilkie.

Merritt, B.C., December 31st, 1919.

J. E. Umbach, Esq.,
Surveyor-General, Victoria, B.C.

Sir,—Merritt, the principal town and distributing centre in Nicola Valley, is reached by the Kettle Valley Railway, being forty miles in a southerly direction from Spences Bridge, a point on the Canadian Pacific Railway. From Merritt the Kettle Valley operates trains through Southern British Columbia, connecting at Princeton with United States railway-lines and giving a direct route to travel from the States through Spokane, by way of Princeton, to Merritt.

Merritt is a thriving city of about 2,000 inhabitants. It has two first-class hotels and several smaller ones, and business is represented by two large departmental stores, one drug-store, three general stores, one men's furnishing-goods store, one book and stationery store, two meat markets, and several other smaller shops of various kinds. It also has two banks, two garages, and owns its own water and electric-lighting plants. It also has good schools and churches of different denominations.

The establishing at Merritt of the Nicola Pine Mills during the past summer has given the City of Merritt an impetus in a business way that bids fair to make it an important centre. This mill was formerly located at Canford, near here, but burned down last spring and is now being rebuilt at Merritt. A large force of men are employed in construction-work, etc., and they expect to be in full running-order by the spring of 1920. Naturally, logging is one of the chief industries. Many settlers are cutting their timber; taking advantage of the high prices now paid for logs to add to their incomes and at the same time clear their land for farming purposes.

Merritt has another thriving industry in its coal-mines, which furnish employment for a large number of men. The Diamond Vale, Fleming Coal Company, and the Middlesborough Collieries are represented here, of which the two latter are in active operation.

Agriculture in the Valley.

Merritt is the centre of a considerable agricultural community and good Government roads radiate from it in all directions. General farming is carried on, the land requiring irrigation for the most part to grow good crops.

Dry-farming is being tried out. A dry-farming experimental station has been in operation for the past six years above Quilchena, at the head of the valley, at an elevation of 3,800 feet. Splendid cereal crops have been produced there under scientific dry-farming methods. They have produced as high as 90 bushels of oats to the acre.

Crops grown.

All the staple varieties of vegetables do well in the valley and all small fruits can be grown successfully. It is not considered a fruit district, but certain varieties of tree-fruits can be grown. The Government has a small experimental orchard at Lower Nicola, about five miles

below Merritt, and the trees are doing very well. Good crops of wheat, oats, barley, and rye are produced and hay is a staple product. The hay grown is timothy and clover, with an occasional field of alfalfa. Alfalfa is a little hard to get a stand, but when established does well. Merritt furnishes a good market for produce. Poultry does well and it is especially adapted for turkey-raising.

STOCK-RAISING.

There are many large cattle-ranches in this vicinity and practically all the ranchers go in for stock-raising more or less. An ever-increasing interest is being shown towards the dairying branch of farming. Hitherto dairying has been more or less overlooked, farmers going in almost exclusively for beef. However, it is being found that dairy cows do well and that it is a good source of income.

Some sheep are raised, and from all indications they do well and could be made an important industry. Considerable pork is produced. The "porkers" raised here are singularly free from disease and hog-cholera is practically unknown. There are also some good thoroughbred horses being bred by a few of the large ranches, and these are gradually taking the place of the native "cayuse" raised by the Indians. There is excellent grazing for cattle and sheep in the hills surrounding the valley, and cattle run out on the open range till well along in the winter. In this connection the Government has set aside several large tracts for common grazing lands.

ALTITUDE.

The altitude of the valley within a radius of fifteen miles from Merritt ranges from 1,500 to 2,000 feet, while the upper portion reaches about 2,600 feet. However, farming is carried on at elevations of 4,000 feet in the sections surrounding it, but the ranchers on the higher levels make stock-raising their principal source of income.

CLIMATE.

The climate of this valley is one of its greatest assets. Glorious sunshine and clear, bracing atmosphere make it an ideal place of residence for those in search of health. The summers are mild, the nights always cool, while the winters are clear and cold, with a medium snowfall. Motor-cars continue in use on the roads most of the winter season. Summer frosts occur very seldom. It may be said they are the exception, not the rule.

MINING.

In addition to the coal-mines spoken of above, considerable interest is taken in the development of mining for gold, silver, copper, iron, gypsum, etc., in the territory adjacent. The prospects for the development of the mining industry in general look very promising. Several properties are being worked at the present time.

DESCRIPTION OF SEASON'S SURVEYS.

Our first surveys of the season were made near Kingsvale, a station on the Kettle Valley Railway adjacent to Voght and Kane Valleys; good wagon-roads lead to it from the surrounding country. Here we surveyed one pre-emption and one Government lot.

In the valley between Merritt and Kingsvale there are quite a number of good-sized ranches and the farmers appear to be making good progress. The valley between Kingsvale and the main line of the Kettle Valley Railway, eight miles distant, is chiefly held as timber and coal land, but when logged off will make valuable farming land. From Kingsvale we moved to Voght Valley, where several pre-emptions were surveyed.

In Voght Valley Major C. S. Goldram has purchased several large tracts of land and has a considerable force of men at work clearing the bottom lands for cultivation. His intention is to grow sufficient hay for cattle-raising on a large scale.

The general character of the country is undulating and the soil is mostly a gravelly clay. There is some fair timber consisting of pine, fir, and poplar on the high land and some very large willow bottoms adjacent to Kane and Voght Creeks. The general elevation ranges from 3,000 to 4,000 feet.

From Voght Valley we passed on through Kane Valley, which is similar in character, and here we surveyed one pre-emption, going on through Aspen Grove to Loon Lake.

Aspen Grove and Vicinity.

Aspen Grove is quite a prosperous stock-raising centre and considerable interest is being taken in the development of mining prospects. A diamond-drill is being installed on some copper properties and the outlook for mining activities in this section is very encouraging.

At Loon Lake we surveyed several pre-emptions in the vicinity of Pot Hole Creek. This is a rolling timbered country interspersed with willow bottoms. The soil in the bottoms is generally good. The settlers go in for stock-raising; consequently hay is the principal crop. The elevation is between 3,500 to 4,000 feet. A Government road leads into the section.

From here we proceeded to the lower part of Shrimpton Creek, near Missezula Lake, where the elevation is about 3,300 feet. This is a narrow valley—willow bottoms for the most part and well watered. The benches are rather heavily timbered with pine, but when cleared portions of them may be cultivated. The settlers are improving their places and gradually getting them into shape.

Missezula Lake.

Missezula Lake is about four or five miles long and half a mile wide, with steep banks, and is said to be well stocked with fish. At the south end of the lake there are several good farms which grow considerable hay and alfalfa. Potatoes and other vegetables do exceedingly well and cereals ripen. The elevation is about 3,300 feet. Access to the north end of the lake is made by a settler's road from Loon Lake, a trail continuing down the lake connecting with the Summers Creek Road, about six miles from the south end of the lake.

After completing our work in this locality we came back by way of Aspen Grove to Quilchena Creek, where we surveyed one pre-emption; continuing on to Pike Mountain.

Pike Mountain.

Pike Mountain is the high land between Otter Creek and 1-Mile Creek and is about forty miles from Merritt. The general elevation of this section is between 3,400 and 3,700 feet. It is undulating, timbered pasture land, with occasional willow and poplar bottoms. This is a recently settled section and with one exception the ranches are in an undeveloped state as yet. It will no doubt become a good cattle-raising country, as many cattle range through it at the present time. A Government road passes through the Pike Mountain District, connecting the Merritt-Princeton Road with the 1-Mile Creek Road. After finishing the work here we moved on to Midday Creek, where we surveyed one pre-emption.

Iron Mountain District.

Our next move was made to the Iron Mountain District, which is about seventeen miles from Merritt and reached by Government road, which branches off from the Merritt-Princeton Road. Here we surveyed three pre-emptions and one Government lot. The elevation ranges from 3,500 to 4,200 feet. Owing to the high altitude the settlers go in almost exclusively for cattle. The ranchers are doing well and several of them are running good-sized bunches of cattle. The country is undulating, with large willow and poplar bottoms, the soil in these bottoms being a good black loam which, when cleared, raises splendid crops of hay. The high lands are timbered with jack-pine and some fir and is best adapted for grazing.

There are a number of small lakes from which water is taken for irrigation purposes and some small spring creeks, all of which flow into the Coldwater River. Iron Mountain has some copper and iron showings which are as yet undeveloped.

Our next surveys were made at Salmon and Fish Lakes. In order to reach these points we returned to Merritt and went by wagon-road through Nicola, along the shores of Lake Nicola to Quilchena, and on past Douglas Lake to camp near Salmon Lake.

Nicola Lake, from whence flows the Nicola River, from which the valley takes its name, is one of the beauty-spots of this section. It is seventeen miles long and about two miles wide and is an ideal fishing resort.

Nicola to Salmon Lake.

The town of Nicola is situated at the foot of the lake. It has the distinction of being the oldest town in the valley. A branch line of the Kettle Valley extends to it from Merritt. The country adjacent has many well-developed ranches; some large tracts having recently changed hands. Mixed farming as well as cattle-raising is practised. The elevation is about 2,000 feet.

The territory lying between Nicola and Salmon Lake is chiefly owned in large tracts by cattle-raisers.

Quilchena is situated on the lake seven miles beyond Nicola, and here the general character of the country shows a decided change. From this point on through to Salmon Lake it is undulating, open hills, covered with bunch-grass; the best of grazing for cattle. Beyond Salmon Lake the country again becomes timbered.

At Douglas Lake is one of the largest cattle-ranches in this section. Its elevation is about 2,600 feet.

At Salmon Lake, which lies at an elevation of about 3,300 feet, we surveyed one pre-emption, but owing to an unusually early heavy snowfall we could not make satisfactory progress and were obliged to suspend operations for the season.

A WELL-SETTLED DISTRICT.

In the valley of the Nicola River most of the lands have been taken up years ago and are now productive ranches. Hence the new settler, looking for Government land, must go farther afield. However, throughout all these mountain districts one finds bench land and small valleys which make good farms when cleared and put under cultivation. We noticed many of these small holdings in process of development and found settlers doing well with them. The soil is good and the many small streams furnish water for irrigation purposes, which can be put on the land at small cost.

There is considerable hunting and trapping carried on in the winter season in the mountains and along the streams. Deer are plentiful, as well as bear, lynx, and coyote. There are beaver, mink, and ermine along the streams. Ruffed and willow grouse are here in abundance and the many lakes provide good hunting for ducks and geese in the fall of the year.

The average annual rainfall in the vicinity of Merritt and Nicola is about 12 inches.

The country is well covered by the Government telephone service, linking up the towns and ranches and connecting with most parts of British Columbia.

I have, etc.,

O. B. N. WILKIE, B.C.L.S.

VICINITY OF VERNON, OSOYOOS DIVISION OF YALE DISTRICT.

BY J. C. AGNEW.

VERNON, B.C., November 24th, 1919.

J. E. Umbach, Esq.,
Surveyor-General, Victoria, B.C.

SIR,—I have the honour to submit the following report relating to the areas in which I was engaged on surveys in the vicinity of the north end of Okanagan Lake during the past season:—

The north end of the Okanagan Valley is well supplied with means of communication. On the lake there is an efficient steamboat service in connection with the Canadian Pacific Railway which links the valley with the main line by a branch from Sicamous. The Canadian National Railway is now building a new line into the valley, which, when finished, will about complete the possibilities of railway-construction as far as the northern portion of the valley is concerned. This part of the country is well supplied with good roads connecting the various towns with the outlying districts. Efficient telephone communication is provided by the Dominion Government and the Okanagan Telephone Company.

At no part of the north end of the valley is there a post-office more than eight miles from a ranch. The postal authorities have also provided, on the stage routes radiating from the towns of Vernon and Armstrong, rural delivery and collection by means of road mail-boxes. Schools are numerous. Only on the west side of Okanagan Lake is there any considerable distance to a school. Four miles is the farthest that children have to travel.

The outside markets are reached through the various farmers' unions or the export merchants in Vernon and Armstrong. There is very little demand in the local market for farm produce.

Surveys were made in the following vicinities: Whiteman Creek, Siwash Creek, Salmon River, and Deep Creek. Whiteman Creek area, lying to the west of the Indian reserve, is very rugged and hardly suitable for farming, although there are some benches that would no doubt

pay to cultivate were irrigation available. This could only be procured from Whiteman Creek at great cost.

At Siwash Creek, where three pre-emptions were surveyed, the land is suitable for grazing purposes only—stock-raising. The creek is in a deep canyon with very steep sides; difficult even for animals to approach. An exceptionally good road from the main Government wagon-road along Okanagan Lake gives access to these pre-emptions.

Salmon River.

The land surveyed in the Salmon River area is situated on a high bench to the south of the river. It consists of good forest land having a gentle slope to the north, with small timber, mostly cedar, tamarack, birch, and alder, and should be easily cleared at a cost of not more than $100 per acre in the worst places. Water for domestic use is found near the surface and is apparently plentiful.

The Canadian National Railway branch to Vernon runs through the Salmon River Valley, and a station-site has been selected on the north side of the river, three miles distant from these pre-emptions, with a downhill haul. The proximity of the station adds considerably to the value of these pre-emptions as homesteads. The rainfall in the Salmon River Valley is much greater than in the Okanagan.

Deep Creek Vicinity.

In the Deep Creek area the surveys extended to both sides of the creek. The land on the north side has a southerly exposure and has been burned over severely, so that there is very little timber left. In consequence, this side, exposed to the hot summer sun, has become much dryer than the south side, which is well wooded. In normal years the north side has, however, several good streams flowing, and these provide water for the ranchers residing there.

The Deep Creek area has been formed into the Kedleston School District, and the school stands near the centre, on the main road to Vernon, which town is six miles distant, and is not more than three miles from any of the settlers' homes. Several returned soldiers have taken up land there through the Soldiers' Settlement Board, owing, no doubt, to the district's proximity to Vernon and its pleasant climate and surroundings.

To the south of the creek the surveys spread over a considerable area. On the whole the land there is rather rough, but there are several good pre-emption locations. With the exception of the pre-emption at the north-east quarter of Lot 3852, these are high up, and until connected by road are inaccessible to transportation.

Climate.

The climate throughout these localities is more or less that generally prevailing in the Okanagan Valley. It is dry and pleasant during the summer, and in winter the temperature seldom goes below zero, except for a very few days during January. There is very little rain after April, but some showers are usually expected during May and June, though generally not sufficient for growing profitable crops in the lower altitudes. Records kept by the Coldstream Ranch, near Vernon, show that the precipitation varies with the altitude, increasing from 10 inches at the ranch by 10 inches for each 1,000 feet of elevation. This is confirmed by information procured by ranchers living at different elevations back from Okanagan Lake respecting the snowfall, which they usually note.

Most ranchers, where water is available, have their own irrigation schemes to ensure their crops. The ranchers situated higher up the hillsides do not find irrigation so necessary, several successful ranchers depending entirely on the rainfall and seepage. Summer frosts are not unknown, but, happily, are rare. The snowfall is generally deep over all this area—from 3 to 5 feet. The snow has usually receded to the 2,500-foot level by the end of March, and by the end of April the snow is above the higher farming districts. Occasional showers may be expected from the end of April; these produce heavier rain in the higher altitudes. It is generally dry until October, when the rainfall is liable to be more continuous. About the second week in November the first snow usually appears, but this melts in a few days and often there is no more snow till Christmas or after. During January and February the deep snow arrives, which varies from 20 inches at Okanagan Lake to between 5 and 6 feet on the highest farmed lands.

The temperature naturally varies with altitude, and in the summer it is fairly warm—about 90 to 100 degrees in the shade around Vernon, but gets much less as one ascends from the valley.

SOIL.

The soil throughout this district differs considerably. On the hillsides and benches it is either a rich black loam or light-coloured loam of a sandy nature, frequently stony on the benches. Clay soils are generally to be found in the lower parts of the valleys, usually of a laminated formation and rather hard to work. The loam soils are rich in plant-food and when the land is cleared produce abundant crops of grain, fruit, and vegetables.

TIMBER.

The timber in the Okanagan is all very similar—namely, yellow pine, fir, tamarack, and cedar. The distribution of the various species depends on local conditions—as elevation and moisture. Pine is growing best in the lower and drier parts, while fir, tamarack, and cedar grow to better advantage in more moist and higher altitudes.

Clearing costs from about $50 to about $250 per acre, depending on the situation. The most costly clearing is on the wetter benches and in the creek-bottoms, where the underbrush grows densely and the milling-timber is of greater size.

GAME.

The game animals in this district are more abundant some years than in others. These include mule-deer, black bear, coyote, lynx, and an occasional cougar. The game birds are prairie-chicken, blue grouse, ruffed grouse, Franklin grouse, and ptarmigan in the high mountains. In the small lakes duck are plentiful.

Many of the mountain streams contain brook-trout, and in the larger lakes the rainbow and silver trout afford good sport.

I have, etc.,
JAMES C. AGNEW, B.C.L.S.

VICINITY OF LUMBY, OSOYOOS DIVISION OF YALE DISTRICT.

BY G. J. JACKSON.

VANCOUVER, December 3rd, 1919.

J. E. Umbach, Esq.,
Surveyor-General, Victoria, B.C.

SIR,—I have the honour to submit the following report on the work done by me in the Osoyoos District during the past season:—

The work consisted of clearing up the unsurveyed pre-emptions scattered over a large area to the east of Lumby and lying from twenty to forty-five miles east of Vernon. The district is very mountainous, the only good land being in the creek-valleys and lower benches. The outlet from these valleys is by way of Lumby, from which roads radiate to the main valleys—namely, Creighton, Cherry Creek, Sugar Lake, Mable Lake, and Trinity Valleys. These roads are particularly good for such a sparsely settled country.

Lumby is a small town sixteen miles east of Vernon and connected to same by a good road. It has a post-office, bank, hotel, and large general store. A railway is under construction between Vernon and Lumby which should be of great benefit to the district, as at present the drawback is the long haulage to the railway.

My first camp was at the Shuswap Falls on Shuswap River, about ten miles east of Lumby. Here there is a good opportunity for the development of the water-power of about 30,000 horse-power. I surveyed nine pre-emptions here, in Sections 1, 2, 11, and 12, Township 40. Portions of Sections 11 and 12 were level sandy loam benches, fairly good land and easy to clear, but handicapped by lack of water for irrigation. The remainder was on a steep mountain-side and high benches, hard to get at and also very dry.

Working up the Shuswap River to Sugar Lake, about forty miles from Vernon, I surveyed several pre-emptions on each side of the river. These were all on steep mountain-side and high benches, with very rocky soil.

At the north end of Sugar Lake I surveyed one pre-emption. Here I found very good soil formed by deposits from the river flowing into the lake. This to be worked to advantage would have to be dyked, as at high-water stages it is flooded. It now grows good swamp-hay which cannot be cut till the water goes down in August. There is also good pasture for cattle. There is considerable of this bottom land along the river, but it is reserved from alienation by the Government, as it would all be flooded if ever the lake was dammed for storage purposes.

I then moved up to the North Fork of Cherry Creek, where I surveyed four pre-emptions. The road leading into this valley, from where it leaves the main Monashee Road at the 47-Mile post from Vernon, is very poor, although passable for a lightly loaded wagon.

There is only one settler living in this valley. Here I found several good pieces of land and saw good crops of hay and oats for such an exceptionally dry year. Next I went up the Monashee Valley, where I surveyed two pre-emptions for soldiers. This is a narrow valley along the South Fork of Cherry Creek and Monashee Creek, rising rapidly to high mountains on each side, and very little good for agriculture.

Several years ago there was considerable mining excitement on Monashee Creek, but this does not seem to have amounted to anything. On the south part of Cherry Creek there were signs of a number of gold placer-workings, and I am informed that considerable gold was taken out.

One outfit commenced work on a hydraulic scheme this summer, bringing water by means of a ditch from Fall Creek to their workings on Cherry Creek. They completed the work this fall and, I believe, washed for a few days with fair results.

I then moved to Mabel Lake, which is about twenty miles from Lumby by good road. The last ten miles of this road follows down the Shuswap River in a valley of good bottom land from one-half to one mile in width. This is in most places covered with a growth of cottonwood, but where cleared seems to grow good crops. It is all held privately, however, much of it in big holdings, on which no work has been done. This should be a good valley if it ever gets broken up into small holdings and properly worked.

I surveyed several pre-emptions on Mabel Lake. The land here rises rapidly from the water's edge and is very rocky. Nearly all the pre-emptions that I surveyed had considerable timber on them, chiefly fir, tamarack, cedar, and pine, and in most cases were covered with a dense second growth. The cost of clearing at present prices would be from $50 to $100 per acre. Many of the settlers along the river have partly paid for their clearing by the sale of their logs, which they sell at the river's edge.

Speaking generally, the soil in this district is very good for mixed farming when supplied with water for irrigation, but otherwise there is not enough rainfall most years for good crops. I am told that the snowfall on the lower levels is comparatively light and the cold in winter is not extreme. In summer it is very warm, but usually cool at nights, with occasional late frosts.

Game was not at all plentiful, although a few deer and black bear were seen. Willow-grouse were fairly plentiful and also a few blue grouse and ducks. There is considerable trapping done at the headwaters of the creeks, which at present prices is very profitable, the chief catch being marten, fisher, beaver, and lynx, with a few wolverine, mink, musk-rat, and ermine.

The fishing was exceptionally good, rainbow and Dolly Varden trout being the chief catch. Small rainbow trout from 8 to 12 inches long were plentiful in all the creeks and the Shuswap River, while in Sugar Lake they ran to 1½ lb. in weight and the Dolly Vardens to 10 lb. In Mabel Lake the rainbow trout were larger. Here we made good catches, from 2 to 15 lb. in weight.

I have, etc.,

G. J. JACKSON, B.C.L.S.

VICINITY OF SUMMERLAND, OSOYOOS DIVISION OF YALE DISTRICT.

By B. A. Moorhouse.

Penticton, B.C., November 24th, 1919.

J. E. Umbach, Esq.,
Surveyor-General, Victoria, B.C.

Sir,—I have the honour to submit the following report on the various surveys made by me during the past season in the Osoyoos Division:—

The work on west side of Okanagan Lake was a continuation and completion of the work undertaken by me during the 1918 season, comprising the survey of unsurveyed pre-emptions and certain connection surveys extending northwards from the Indian reserve at Trout Creek, near Summerland, to Brixton's pre-emption just north of Nahun. All the pre-emptions and necessary tie-lines in this district are now completed, so that the official maps can be connected and made to date.

Commencing at Altamont, on the Kettle Valley Railway, where a sawmill is located, two pre-emptions were surveyed and certain tie-lines and resurveys made to connect lots in the Kamloops District with those in the Osoyoos District.

The pre-emptions are taken up chiefly for the natural meadows, and considerable clearing and fencing has been done, log cabins and stables have been built, and the timber on the higher lands sold to the sawmill at Altamont. All the hillside land is suitable for range for stock, and because of the close proximity of the Kettle Valley Railway much cordwood has been shipped to Penticton from this locality.

The construction road up the Trout Creek Valley, made when the railway was being built, is now badly in need of repair, as it is the only means of access for the pre-emptors from the railway.

Then several scattered pre-emptions lying between Summerland and Peachland were surveyed and connections made where necessary. This portion of the work lies in a well-settled part of the Okanagan Valley adjacent to the small-fruit farms, the lands being of great use as convenient range for stock and also for local cordwood-supply, these lands being covered more or less with scrub pine and fir.

The roads in this part are excellent, and the settlers fairly prosperous and exceedingly busy during the summer months.

Working north from Peachland up the various small valleys formed by creeks flowing into Okanagan Lake, several pre-emptions, mostly taken up by soldiers years ago, were surveyed. These having been unattended during the last few years will no doubt again become useful in producing hay and other produce, and also cordwood, as conditions again settle down to normal. The roads up to these pre-emptions, though formerly good, have deteriorated, so that considerable work is now required on them to make them passable. The lands are mostly covered with a young growth of pine, fir, and willow, with portions already cleared and slashed, cabins and other buildings built thereon, and in some cases fences enclosed the cultivated parts. The side-hills are available for range land.

From Westbank northwards along the shores of Okanagan Lake several very valuable and productive pre-emptions were surveyed, having various sized orchards, gardens, and meadows, with neat cottage homes by the lake-shore, where the settlers are living in quiet contentment.

The access, except by water, to these splendidly situated home-sites is by the main road from Westbank to Vernon, on the west side of Okanagan Lake, which in places is exceedingly narrow and in a bad state of repair.

Of the nineteen pre-emptions surveyed, comprising a total of 2,940 acres, fourteen were soldier pre-emptions with an area of 2,460 acres. In this district seven connection surveys were made to lots not previously tied in.

East of Kelowna.

This work east of Kelowna consisted of the inspection and survey of twenty places located in the valley of Mission Creek and on the high lands to the north and east of the main Kelowna-Vernon Road near Duck Lake.

Camp was located about twenty miles from Kelowna, near the large ditch belonging to the Belgo-Canadian Fruitlands Company, which supplies irrigation to holdings as far as eighteen

miles to the east of Kelowna. There is a fairly good motor-road up Mission Creek Valley, with branches up the North Fork, and also up Joe Rich Canyon.

Of the sixteen places surveyed, eight are soldiers' pre-emptions, four are now available for pre-emptors, and the remainder are either occupied by the owners or used by them at certain seasons of the year.

The lands surveyed up the North Fork of Mission Creek are about twenty-five miles east of Kelowna, at an altitude of about 2,500 feet and easily accessible by motor. They comprise several acres of fairly level cultivable land, with steep and rocky side-hills covered with young fir and pine, useful only as range land. Some tamarack-trees are found on the higher levels and spruce and cedar are plentiful in the bottom lands of the creek. The adjacent farm now under cultivation by irrigation is successfully growing splendid crops of hay and root feed for stock during the winter.

Two pre-emptions were surveyed up the South Fork of Mission Creek, to which there is only a rough wagon-road. These places are useful chiefly for the good range land and lodge-pole pine and other small timber. Two small connecting lots were laid out here.

For successful cultivation irrigation must be resorted to in this district, using either the main creek or providing storage facilities at the headwaters of the numerous small creeks to ensure a constant supply through the season.

Four pre-emptions located to the north of the camp on the higher lands are used chiefly for the winter's supply of wood and the ranging of cattle over them, each pre-emption having some improvements on, as fences, cabins, or small clearings, etc.

Camp was then moved up Scotty Creek, which is about eight miles from Kelowna on the main road to Vernon, from where all the remaining pre-emptions were inspected or surveyed. It was found that on two of the pre-emptions clearing operations were in progress and cabins and fences already built, and on one 320-acre place a fine twelve-year-old orchard with splendid hay, grain, and garden produce were growing in abundance under a small irrigation system belonging to the owner.

An 80-acre pre-emption was surveyed up the Joe Rich Creek, named after one of the old-time prospectors of the locality. This small valley is the southernmost branch of Mission Creek. It contains some of the best hay lands ever seen by the writer in the Okanagan Valley, taken up as pre-emption land. It is easily irrigated from the slow-flowing Joe Rich Creek.

A good road goes to the end of the present surveyed lots, and beyond these there are a few vacant parcels of land available and good for stock-raising or the growing of hay.

This land is subject to much more rain and snowfall and has a shorter summer season than the general lands on Mission Creek.

Summing up the season's work, out of thirty-three pre-emptions surveyed twenty-two belonged to soldiers, of which nineteen are at present occupied or are at some period of the year used for various purposes, and eight of the surveyed lots are now open for location.

The physical characteristics of the land generally follow that usual in Okanagan District—level good land near the creeks and bench lands for a certain distance up the side-hills; then steep gravel or rocky timbered slopes covered with a young growth of fir and pine on the northern slopes, and fairly open range land on the southern slopes. The soil varies from a rich black loam to sandy gravel and rocks in places.

Climatic conditions are, as is usual in the Okanagan Valley, ideal—all the rain, storage, and creek supplies being welcome for the irrigation of the land. Summer frosts are expected in the higher altitudes of over 2,500 feet above sea-level, and much longer periods of snowfall and shorter growing seasons are general at these elevations.

Fruit will not be successful unless a very favourable aspect and conditions prevail at those heights.

Very little game of any kind was seen during the season, but blue and willow grouse, pheasants, deer and bear, and a plentiful supply of trout are available for those who have time to get them.

I have, etc.,

B. A. Moorhouse, B.C.L.S.

ARROW LAKES AND DUNCAN RIVER, KOOTENAY DISTRICT.

By H. H. B. Abbott.

Trout Lake City, December 10th, 1919.

J. E. Umbach, Esq.,
Surveyor-General, Victoria, B.C.

Sir.—I have the honour to submit the following report on the Trout Lake and Duncan River Districts:—

These districts are situated in the heart of the Selkirk Mountains, lying between the Slocan and Purcell Ranges and to the east of Upper Arrow Lake and north of Kootenay Lake, into which it drains.

A very excellent map of British Columbia, compiled in 1870 and 1871 under the direction of the late Honourable J. W. Trutch as Chief Commissioner of Lands and Works and Surveyor-General, shows this district with a considerable degree of accuracy, and thereby evidences the fact of its having been explored prior to these dates. He calls what is now Lardeau Creek, Intaightukok River; Trout Lake, Lac des Truites; and Howser Lake, Upper Kootenay Lake—a name which it bore for many years, changing to Duncan Lake and recently to Howser Lake. He also shows a trail going over the divide to the Columbia River corresponding to the present trail following up Hamill Creek and Toby Creek via the Earl Grey Pass to Windermere.

The Indian name for Lardeau Creek is interesting in the light of the fact that, as in the case of Big Bend on the Columbia River, the Indians frequented this country but very little, no doubt on account of the difficulties which this district presented to pioneer travel.

Following the construction of the Canadian Pacific Railway main line, prospectors began to drift into the Trout Lake and Kootenay Lake Districts, but settlement did not begin till the early nineties, when movement in this direction was simultaneous up the Duncan from the south and from the Arrow Lakes in the north. Trout Lake Townsite was cleared in 1893, and the wagon-road from Thompson's Landing (now Beaton) to Trout Lake was built in this and the following year.

The first mining development occurred in 1896, when the Horne-Payne Syndicate, later identified with the British Columbia Electric Railway Company, and who previously to this were operating at Galena Bay on Upper Arrow Lake, purchased the Silver Cup property from McGillvray, Dunn & Farrell. This same syndicate also acquired the Broadview, the Towser, and the Sunshine, and carried out a considerable amount of development on all four properties, making the first shipment of ore from this district in this same year, 1896. This no doubt laid the foundation of the excitement which followed, culminating between 1898 and 1901. Ferguson, which was the centre of this rush, came into existence in 1898, and Trout Lake became a city of close on 1,000 inhabitants.

From the south there was a railroad stampede to be the first into Ferguson for the purpose of getting the charter; the Canadian Pacific Railway surveying and constructing almost simultaneously from Lardeau up the west side of the Duncan, and the Kaslo & Slocan backed by the Great Northern Railway Company, doing the same up the east side from Argenta, where they had connection with the International Steamboat Company. Both grades were built as far as Howser, on the west side of Howser Lake, and abandoned, and they now make excellent trails, with roads along part of their length. Ferguson and the Upper Duncan, however, were the objectives aimed at. Later the Canadian Pacific Railway offered the Silver Cup Mining Company transportation facilities to Gerrard or Ferguson, according to the monthly tonnage of the ore shipments they would guarantee; and, in the absence of the higher guarantee, constructed the present branch from Lardeau to Gerrard in 1901, and put the S.S. "Procter" on the lake run between Gerrard and Trout Lake. The Canadian Pacific Railway at the same time located their line along the west side of Trout Lake, and thence via Camborne, Comaplix, and Arrowhead, to join the main line at Revelstoke. For many years it was confidently expected that they would complete this route to connect the Crowsnest branch and the main line as an alternative route for freight through the mountains, but double-tracking and the Connaught Tunnel have put this project out of sight.

In 1903 the discovery of a rich pocket of gold on the Lucky Jack claim, close to the railroad at Poplar, caused the Poplar Creek stampede in 1903 and 1904, which resulted in the immediate

vicinity being staked for miles. Very little development, however, followed the first discovery, which pocketed out, and so the possibilities of this camp are still more or less an unknown quantity.

Since 1905 the progress of this district has been retrograde, and during the war the once flourishing mining towns were reduced to mere settlements. Optimism is one of the prominent characteristics common to all prospectors, but after discounting this it is very evident that the turning-point is close at hand, and that this district is due to make steady progress in the near future and become an important producer of silver, lead, and gold ores.

Accessibility.

From the north, Trout Lake City is six hours' journey from the main line of the Canadian Pacific Railway at Revelstoke, and connections are: Revelstoke-Arrowhead trains, daily except Sundays; Arrowhead to Beaton, steamboat service, daily except Sundays; Beaton to Trout Lake, automobile stage. A daily stage connects Trout Lake and Ferguson, and the S.S. "Procter" and a gasolene-launch make frequent but irrregular trips between Trout Lake and Gerrard, at the foot of Trout Lake. There is a train service on Tuesdays and Saturdays between Gerrard and Lardeau, at the head of Kootenay Lake. From the west three trains a week connect with the Arrow Lakes boat at Nakusp and run to Kaslo, whence a boat service connects with the Tuesday and Saturday trains at Lardeau. From the south and east the regular afternoon boat from Nelson to Kaslo goes through to Lardeau every Tuesday night, while the Friday afternoon boat gives connection with the Saturday boat from Kaslo to Lardeau. A boat from Kootenay Landing connects with the Nelson-Kaslo boat at Procter. These boats give access to this country from the Crowsnest branch, the Kettle Valley, and the Great Northern Railway systems. It is well to bear in mind that these schedules are subject to alteration, particularly between Kaslo and Gerrard.

Roads and Trails.

There are very few roads in this district. There is an automobile-road from Beaton to Trout Lake and thence to Ferguson, and a wagon-road from Ferguson to 10-Mile, with a branch to the Nettie L. claims. At the south there is a road on the east side of the Duncan River from Argenta to the foot of Howser Lake, and a branch connects this with the settlement of Howser and with Howser Station. There is also a road running up Meadow Creek from the railway crossing.

This country is a network of trails, good, bad, and indifferent. Between 1896 and 1905 the greater part of this country was staked for minerals, and trails were built in to every claim or group of claims. However, as claims were dropped or work on them stopped, many of these trails ceased to be used, and as a result of the prevalence of slides, windfalls, and a very rapid growth of vegetation these trails have returned to their natural state. On the other hand, trunk-trails and trails to the better groups of claims have been considerably improved in both location and construction, with the result that travel is on the whole very much easier than the physical characteristics of the country would lead the stranger to expect. Of the latter type are the trails along the North and South Forks of Lardeau Creek; those up Gainer Creek, Brown, Healey, Hall, Poplar, Tenderfoot, Cascade, Cooper, and Hamill Creeks; the trails to the Copper Chief, the Ethel, the Broadview, the Winslow, the Arallu, and Fidelity Mineral Claims; the trail along the east side of Howser Lake, and the trail on the west side of the Duncan from Healey's Landing to the mouth of the West Fork.

Waterways.

Apart from those already mentioned, there is a weekly launch service during the summer from Howser to Healey's Landing on the Duncan.

Hotels and Post-offices.

There are hotels at Trout Lake (two), Ferguson, Gerrard, Poplar, and Lardeau (two). At Howser William Simpson can usually provide accommodation for a limited number if arrangements are made beforehand.

Post-offices are located at Lardeau, Cooper Creek, Meadow Creek, Howser, Gerrard, Trout Lake City, and Ferguson.

FARMING.

There is very little farming going on in this country, but what little farm land there is is very productive. Existing farms aggregate as follows in the respective localities: 100 acres in the bend of the Duncan north of the mouth of Cooper Creek, 300 acres at the lower end of Meadow Creek, 100 acres at the south end of Howser Lake, and 160 acres in the centre of the Howser Lake Peninsula, and four 80-acre farms along the Trout Lake-Beaton Road. Apart from this, there are possibly twenty square miles of land held under purchase or timber licence that is capable of being brought under cultivation, though the cost of clearing will in many cases be prohibitive.

There is no vacant farm land. Existing farms are run on a mixed-farming basis, with apples as the main form of revenue. The Matthews Bros., on the Howser Lake Peninsula, have specialized in fruit-growing there for twenty years, and have a magnificent orchard in an ideal situation. The Kootenay apples have a very good name on the market and have taken high prizes. The following varieties of apples are grown successfully: Wealthy, Gravenstein, Kootenay Gem, McIntosh Red, Wagener, Jonathan, Baldwin, Spys, Kings, Cox, and Yellow Newtown. Although apples are grown at Trout Lake—elevation 2,400 feet—it is found their successful production is limited to about 2,000 feet elevation.

TIMBER.

This is a comparatively heavily timbered country, about 75 per cent. of the area below timber-line (approximately the 6,000-foot contour) carrying merchantable timber averaging 8,000 to 10,000 feet B.M. per acre.

The valleys are very narrow and steep, and so the timber is found in long, narrow stretches. While the timber area on the Lardeau and Upper Duncan averages two to three miles in width, it is far less than this on their tributary streams. Cedar, hemlock, fir, and tamarack (or western larch), with a considerable amount of cottonwood on the Lower Duncan, occupy the lower altitudes. From 4,000 feet to timber-line the timber is almost exclusively spruce and balsam. The slopes of Trout Lake, the Lardeau and the Lower Duncan have been partially logged, but the Upper Duncan and smaller creeks have not been touched. Only comparatively small areas have been destroyed by fire.

At present there is only one sawmill in this district—at Gerrard, at the foot of Trout Lake. After having been idle for seven years this mill ran again this summer, three logging camps being operated on Trout Lake to supply it. A shingle-mill at Trout Lake has been working regularly for many years. Mr. Daney and Mr. Newcomen have small camps making ties and fence-posts at Goldhill and Meadow Creek respectively. Kootenay Lake is the natural milling-site for the bulk of the timber in this district, and the Lardeau and Duncan Rivers are easy to drive.

MINING.

This country is exceptionally rich in minerals, but nature seems maliciously to have evened the balance to prevent any possibility of the miner getting something for nothing. The main leads are, with few exceptions, above the 6,000-foot contour, and many, like the Wagner claim, are in the midst of glaciers. This district, too, is in the heart of the snow-belt, and at these altitudes snow will lie to a depth of 15 to 20 feet, and the ground is only bare for four to six months in the year.

Transportation is difficult and very costly, and only ores carrying a certain minimum value, accordingly, can be shipped to the smelter. Unfortunately the leads do not carry ores uniformly above this minimum, and the ore which has to be discarded on the dump as too low grade costs the same to mine as that which is shipped; and as the proportion of this low-grade ore is very high, the burden upon the marketable ore becomes too great.

This difficulty is to be got over by concentrating the ores before shipment, whereby 70 to 90 per cent. of the cost of freighting may be saved. However, a concentrator plant is costly to erect, and the only experiment as yet made was a $250,000 concentrator and reducing plant which the Silver Cup Mines, Limited, erected at 5-Mile, above Ferguson. This did not prove satisfactory—I understand that the particular process adopted was unsuitable—and the plant was closed down after running for about a year. It will be strange, however, if this difficulty of devising a process suitable to the requirements of the ore cannot be overcome. It is therefore

easy to see that it requires wealth to get wealth, and herein lies the reason, I believe, why this land of promise has stagnated for so long.

The original stakers and the present owners are in most cases people with very little capital, and development-work on anything like the necessary scale has been a thing unknown. Practically all they have been able to do has been to tap veins of rich ore close to the surface and get a little revenue to carry them along. Spasmodic attempts have been made to interest outside capital, but the better properties are held at figures that are considered excessive when not backed up by the evidence which can only be revealed by extensive development. This, again, is a condition that time will likely rectify. The great bulk of the mineral resources of this district are in the galena ores, carrying high silver values, and with a few possible exceptions these have constituted all the shipping from this camp.

Below is an incomplete list of ore shipments since 1896:—

Name of Claim.	Amount.	Assays.		
		Silver.	Gold.	Lead.
	Tons.	Oz.	Oz.	P. C.
Nettie L., 1900-1904	2,230	140	0.17	20
Silver Cup, 1896-1901	1,286	150	0.2	35
Ajax	550	40	..	60
Triune, 1901-1905	534	250-400	0.9	35-50
Lucky Boy	428	200-300	..	20-25
Broadview	328	....	..	..
St. Elmo	200	....	..	..
Fidelity	59	....	..	..
Bad Shot	54	....	..	..
Great Northern	37	....	..	..
True Fissure	30	....	..	..

Showings of galena ores are frequent throughout the north half of this district, but their main distribution occurs on Silver Cup Mountain, Nettie L. Mountain, Great Northern Mountain, and the Lime Dykes, which form the rugged divide between the Lardeau and Duncan River watersheds, northward from the head of Lake Creek.

Gold-bearing quartz occurs chiefly near the divide between Trout Lake and the South Fork of Lardeau Creek, where are situated the Winslow—on which a fair amount of tunnelling has been done—the Okanagan, the Foggy Day, Golden Crown, etc. Gold also forms the principal value of the Poplar Creek country.

Properties whose principal values consist in copper ores are the Copper, Copper Queen, and Copper Mountain groups.

In a report of this nature it is not possible nor desirable to go into details of the varying geological and mineralogical features of such an extensive district, and I would refer those desirous of such information to the reports of the Resident Mining Engineer of this district contained in the Annual Report of the Minister of Mines for British Columbia. These are the reports of a specialist and are based upon personal examination and analysis, whereas I am only attempting to deal with the mineral aspect in so far as it affects the general condition of the district, and for this purpose I have supplemented personal observation with information picked up from residents and prospectors.

Recent Activity.

For many years there has been no mining on any large scale in this country, and work on most of the properties has been confined to the employment of two or three men, and rarely for more than six months at a stretch. Mines which have been working this past year are:—

On the Upper Duncan: The Bannockburn, the Red Elephant group, the Superior Mines Company's claims, on which 200 feet of tunnel has been driven in the last two years, the International group, and the Neomi; and Stevens & Brown have been doing a considerable amount of development on their group of claims south of Hall Creek.

Silver Cup and Nettie L. Mountains: The Gold Bug, which is going to ship this winter, the Crescent, the Foggy Day, the Bronze, and the Red Cross. The three latter are the property of

Mrs. Jowett, of Trout Lake, a pioneer and one of the few women prospectors of British Columbia. I understand that she has had sensational showings this summer. White & McLennan have a lease on the Nettie L. and are shipping ore this winter.

Poplar Creek: The Bullock Gold Mines Company has been doing development-work on its properties near the mouth of Poplar Creek, and is preparing to go to work on an extensive scale. I understand that some work has been going on this year on the claims on Tenderfoot and Cascade Creeks.

Lower Duncan: The Surprise group and the Pearl-Vanadenite group, on Glacier Creek. The Jumbo, on the mountain east of the confluence of the Lardeau and Duncan Rivers, where Mr. Hendrickson has been working every winter for the past twenty years. A. Erickson has three claims about seven miles up Meadow Creek which he has been working regularly.

PLACER-MINING.

Both Lardeau Creek and the Lardeau River carry placer gold, but attempts at saving the gold have hitherto been unsuccessful, except in Lardeau Creek near Trout Lake, where an old placer-miner for many years used to make wages by panning. However, the margin was non-existent, and on wages rising the wage-earning possibilities automatically disappeared. Attempts on a large scale were made near here to divert the water by a flume and expose the creek-bed so it could be mined. They were unprepared, however, for the high water of the following year, which took out a part of the flume, and they apparently abandoned their idea.

Peter Culkeen, an old placer-miner, experimented considerably in an ancient lake-basin near 10-Mile, on the South Fork of Lardeau Creek, and made an excellent hydraulicking apparatus for this purpose, but I believe he did not have much success. Dredging, too, has been tried on Lardeau River near Goldhill, but without success.

MARBLE-WORKS.

At La Blanche, or Marblehead, as it is usually called, the Kootenay Marble-works have a fine plant for cutting and polishing marble, which they quarry from the hillside about half a mile from the works. Both quarry and works are on the Gerrard-Lardeau branch of the Canadian Pacific Railway. There is practically no limit to the marble which they can cut out of the hillside in this immediate vicinity, and although they encountered numerous faults in the marble from the quarry which they first opened closer to the works, Mr. Wilson, their manager, assures me that in their already extensive quarrying of the new ground they are getting uniformly good material. They were unfortunate in only getting in condition for a large output on the outbreak of war, and had to close down the works on account of the shortage of labour. This fall they employed a few men for the purpose of getting the plant in running-order for next spring, when they expect to open up at full capacity. They have a model camp, and very kindly put some of their buildings at our disposal while working in this vicinity.

WATER.

Irrigation is not necessary in this country. Domestic water is abundant and unequalled for purity and lime qualities. Water-power is practically unlimited.

GAME.

Practically every species of game common to British Columbia, with the exception of moose, pheasant, and quail, is to be found in this country. Goat, sheep, and silver-tip bear are most abundant on the higher ranges, along with ptarmigan and grouse. Deer and caribou are not numerous, but are often to be found. Black bear are particularly plentiful along Trout Creek and the Lower Duncan. Coyotes and timber-wolf are found south of Gerrard. I saw a great lot of duck of different species on the sloughs on the Lower Duncan, and geese come in here from time to time. There is also very good trapping—marten of the best grades, mink, wolverine, and weasel. Beaver used to be fairly plentiful, but have not been very numerous of late years.

Trout Lake and Lardeau River are almost literally full of salmon-trout, up to and even over 20 lb. Trout Creek, Salmon Creek, and Staubert Lake are well stocked with brook-trout, and the Dolly Varden come up here in July and August. In the fall the streams are rank with the redfish which come up here to spawn and die. On the other hand, the Duncan River and Howser Lake are almost devoid of fish.

Scenery.

This district is one of the most beautiful in the Province. The settlements of Trout Lake and Howser, with the lakes of their names, are beautifully situated—Trout Lake with its backing of heavily timbered valley, and in front the long, narrow lake, flanked by steep mountains covered with cedar, hemlock, and spruce, rich in shades, which alternately jut out and recede, and alternately catch the sun and shadow. To westward the low glacier with its timber setting, though two miles distant, has the appearance of adjoining the townsite; and to eastward a gap made by the Lardeau reveals the Nettie L. Glacier in the distance.

In the fall the old burns on the mountain-sides are a riot of colour, caused by the maples and small shrubs which here find room to spread. Winter, with its heavy pall of snow, the immense snow-mushrooms on the stumps, and the partly frozen lake, is almost more beautiful.

Howser Lake has a very much similar setting, and as I saw it first, with its newly fallen snow, it presented a very pretty picture. On the west side of the lake two narrow arms run back behind a peninsula almost to meet—only a narrow col intervening. The lake-shores in many places rise to steep rock bluffs. A very pleasant and surprising break occurs in the centre of the peninsula, where a valley a quarter of a mile wide, heading in a small lake and almost completely rock-bound, contains the splendid orchard of the Matthews Bros.

To the north there is a good view of the Upper Duncan, with Mount Abbott towering up in the distance. But the great attraction of this country is on the summits, though, with the exception of some of the peaks of the Lime Dykes, these may not have any attraction for the alpinist looking for wuthering heights. To my mind a lot of their attraction lies in their easy accessibility; although I have pleasant memories of a pleasure-trip up the Silver Cup Mountain through 12 to 15 feet of snow, of which the top 2 or 3 feet was freshly fallen, with the late H. R. M. Christie, B.C.L.S., in March, 1914.

At 6,000 feet above sea-level timber officially ends, though both timber and brush often continue to about 6,500 feet. From here up, however, are only scattered small, stunted balsam and spruce and short heather and grass. As a general rule, near the summit are wide expanses of flat or slightly undulating country where it is possible to gallop a horse for miles at a stretch. Small lakes are frequent in such country, and the water invariably has a clearness that is only found at these altitudes—like the water in water-holes in a glacier, it hardly seems to refract light as much as the atmosphere does.

Again, at intervals throughout this rolling country, the underlying rock breaks out in huge pinnacles, towering in some cases as much as 1,000 feet above the surrounding country. The most remarkable instance of this nature is the Great Lime Dyke Belt, which, commencing near the head of Lake Creek, runs in a north-easterly direction across this district and continues as far as Mount Lexington, above Camborne. This breaks out in the most marvellous system of limestone peaks and ridges, some of which take the form of "nigger-heads"; that is to say, they have the appearance of bulging out as the head bulges from the neck. In some cases, such as the Abbott and Wagner Mountains, these peaks break out through large glaciers.

The end of August and the beginning of September is the best time for a trip on the summits, and numerous routes are available for round trips with the aid of pack-horses and saddle-horses, though good saddle-horses are difficult to obtain. S. Edwards or A. Craig at Trout Lake can supply pack-horses and saddle-horses of a sort.

Some of the trips I would suggest are: (1.) Trout Lake—Ferguson—Circle City—Old Gold—Bad Shot—Gainer Creek—10-Mile—Ferguson—Trout Lake, stopping at least one night at the Old Gold and one night at either the Bad Shot or 10-Mile. (2.) Trout Lake City—Ferguson—10-Mile—Brown Creek—Alpine Basin—Arallu—Trout Lake—Trout Lake City or Gerrard, stopping one night at 10-Mile and another at either the Alpine or Arallu. As an alternative route, either to go up or come down, take the Trout Lake-Winslow Trail in conjunction with either half of this route. (3.) Coming from the south, take train Lardeau to Howser Station on mail-day (Saturday) and stop a night at Mr. Simpson's on Howser Lake. Mr. Simpson will take you up by launch next day to Healey's Landing on the Upper Duncan, some twenty miles above Howser. Mr. Healey can supply horses to go to Hall Creek, and thence up Hall Creek and over the divide and down Healey Creek to Gerrard; thence either south by train and boat, or north via Trout Lake, and out to the Canadian Pacific Railway main line at Revelstoke. This last is a comparatively hard trip, but takes in most wonderful scenery at the

head of Hall Creek. It is advisable to allow a week for the entire trip, which will just make connection for train south.

CLIMATE.

This is about the centre of the snow-belt, and the annual snowfall, even on the lower levels, is immense. At Trout Lake snow lies to a depth of 6 to 8 feet, and on the summits it lies to a depth of 15 to 20 feet. Snow begins to lie at Trout Lake about the middle of November and at Howser about November 25th. This season was abnormal, and snow fell to stay at Howser on October 25th. The ground is not bare at Trout Lake till about the second week of April. As in other wet belts, temperatures are comparatively equable—zero weather in winter and hot spells in summer being exceptional.

I am indebted to Mrs. William Simpson, of Howser, for the following records of meterological conditions at Howser:—

Month.	Thermometer.				Snowfall.		Rainfall.		Wet days.	Days without Rain or Snow.
	Mean.		Mean.		Hours.	Depth.	Hours.	Depth.		
	Max.	Max.	Min.	Min.						
						Inches.		Inches.		
Dec., 1917....	55	35.8	0	26.2	121½	50.7	7	0.3	19	12
Jan., 1918....	45	31.4	−4	25.0	83	26.0	11	0.5	11	20
Feb., "	44	32.4	−4	23.5	64	19.5	7	0.3	10	18
March, " ...	51	41.6	16	30.7	16	12.2	30	1.0	6	23
April, "	71	56.4	20	31.3	....	....	15	0.6	1	28
May, "	76	64.3	28	39.4	....	....	26½	1.4	5	25
June, "	86	73.4	33	49.4	....	....	15	1.8	2	26
July, "	92	74.2	39	51.7	....	....	24	2.0	3	27
Aug., "	89	69.7	42	51.5	....	....	38½	2.4	5	22
Sept., "	75	68.0	37	44.4	....	....	20	1.2	2	28
Oct., "	61	51.5	30	42.4	....	....	39	2.1	6	25
Nov., " ...	45	39.2	14	30.5	28	8	20	2.2	5	25

Average for five years: Annual mean temperature, 44 degrees; summer mean temperature, 63 degrees; winter mean temperature, 26 degrees; highest recorded, 99 degrees; lowest recorded, 13 degrees.

I have, etc.,

H. H. B. ABBOTT, B.C.L.S.

TOBA RIVER AND SONORA ISLAND, COAST AND SAYWARD DISTRICTS.

BY JOHN DAVIDSON.

VANCOUVER, B.C., December 31st, 1919.

J. E. Umbach, Esq.,
Surveyor-General, Victoria, B.C.

SIR,—Cameleon Harbour is a prettily situated natural harbour entering from Nodales Channel and is exceedingly well protected from all storms. It is well watered by numerous small creeks and a good supply of water is available for each lot surveyed. The northerly limit of the area surveyed is a range of high rocky mountains. A low divide or draw extends from the head of the harbour to Okisollo Channel. The land slopes up gradually from the water's edge, except on the northerly shore, where the slope is fairly steep.

Thurston Bay, four miles from the head of the harbour, is the nearest port of call for steamers; mail is put off here once a week, and there is a British Columbia Government telephone-office here. The telephone-line passes along the north shore of Cameleon Harbour. Rock Bay is eight miles distant and has an hospital. Shoal Bay is ten miles distant and has a good store and post-office. Both of these places have almost a daily service of steamers and are also telephone-stations. A service can readily be arranged to Cameleon Harbour whenever traffic warrants it.

A good market for all farm produce is available in the logging camps in the vicinity and work could be readily obtained there for settlers if desired.

Description of Lots.

The lots on the northerly shore have each only a small area, 5 to 10 acres, of good land suitable for garden-truck. They would make good home-sites for fishermen, who could grow garden-truck and sell it to the logging camps, and so keep employed the year round. On the southerly shore the land is good throughout and suitable for mixed farming. On each lot a large garden area could be readily cleared. The balance near the shore is well wooded and would cost from $150 to $250 per acre to make fit for cultivation. The hemlock timber, which is close to the shore, will be easy to log and would help to pay for the cost of clearing. The back areas of the lots are more readily cleared, the vegetation being young second-growth hemlock and berry-brush of all kinds. All of the area has been logged and large stumps of cedar and a few of fir left.

The soil varies from a rich dark-brown loam to a lighter, more gravelly soil on the back areas. It should grow good small fruits and apples.

Lot 1132, between the harbour and Okisollo Channel, is of lighter soil, has been well burned over, and could with little work be seeded down and made fit for stock. There is no timber in this area. The old logging-roads could be made into a wagon-road to give access to this lot. Lot 1133 is not suitable for agriculture, but should make a good forest reserve.

Timber.

On the south shore there is a good growth of hemlock to 36 inches, with occasional fir and cedar. The old skid-roads are in good shape and would greatly assist in logging this. The back area here is covered with young hemlock-brush and berry-bushes of all descriptions. On the northerly shore, except for a few spruce on Lot 1141, there is only scrub pine and hemlock and young second-growth hemlock.

Climate.

The climate is good. Only sufficient rain falls during the spring and summer to make farming profitable and ensure a good water-supply. There are no summer frosts. The snowfall varies from 1 to 2 feet and lies from December to February. This summer good clear dry weather lasted until October 25th.

Game.

During August, September, and October salmon run in the harbour on their way to the creeks to spawn, and are plentiful. There are lots of deer on the island and they would be in larger numbers if the cougar, which have become very numerous in late years, were killed off. There are also a few black bear. Willow and blue grouse are plentiful and the harbour is a favourite feeding-ground for ducks in the seasons. There are several good clam-beaches on the harbour.

I have, etc.,
John Davidson, B.C.L.S.

JOHNSTONE STRAIT, COAST DISTRICT.

By M. W. Hewett.

Vancouver, B.C., October 30th, 1919.

J. E. Umbach, Esq.,
Surveyor-General, Victoria, B.C.

Sir,—I have the honour to submit the following report of the work done by me in Ranges 1 and 2, Coast District, during the past season:—

Starting on Branham Island in Range 2, I surveyed two pre-emptions on the south side of the island with frontages on Skull Cove. These lots consist of low rock ridges, alternating with more or less swampy valleys and numerous small lakes and beaver-ponds. These valleys and the lower slopes of the ridges are mostly open, or covered only with a low growth of scrub pine

or yellow cedar. In one or two cases they carry a fair stand of small timber suitable for building purposes. The soil in the valleys is deep and consists of a peaty loam, apparently on a clay subsoil. Where open they are covered with a sparse growth of short wild grass mixed with a low-growing species of rush. The ridges are covered with a scrubby growth of red and yellow cedar, hemlock and pine, with practically no soil on the top of the rock.

Access can be had by steamer to Port Hardy; thence by settler's own rowboat or gasolene-launch. Skull Cove affords excellent anchorage for small boats and is more extensive than shown on the charts. Port Progress is the nearest post-office, but delivery of mail there is subject to delays on account of weather, and Port Hardy will probably be found more convenient. A salmon-cannery in Nugent Sound and hand-logging in Seymour Inlet are the only industries at present existing.

The weather during our stay was excellent, the only drawback being some fog in the morning and evening. Deer and wild geese are fairly plentiful, and there are still a few beaver in the lakes.

West of Blunden Harbour.

From Branham Island we proceeded to the region immediately west of Blunden Harbour in Range 1, where we surveyed a double and a single pre-emption and a vacant lot formed in process of tying in to prior surveys.

These lots are for the most part hilly with small intervening flats. The hills rise abruptly from the flats in a series of low bluffs of bare rock and are covered with a thick growth of rough red and yellow cedar, hemlock and jack-pine of small commercial value. Where any soil exists on the rock, it consists of shallow layers of peat loam and sharp grey sand. The flats are covered with a sparse growth of small timber, with occasional small patches of wild grass. The soil is a deep peat loam on grey sand and seems to be capable of producing good crops of vegetables. The shore is mostly open to Queen Charlotte Sound, the shallow bays affording only moderate shelter for small boats. Access is, for parties by arrangement, by steamer direct to Port Progress or to Port Hardy and thence by settler's own boat. Port Progress is the post-office, and a rough trail blazed to it over a portion of the region could easily be extended. There are no industries in the neighbourhood. Deer and wild geese are fairly plentiful. The climate during our stay was good, with considerable fog.

Staples Island.

From here we went to Staples Island in the Walker Group, surveying it into a double pre-emption and two vacant lots. The general characteristics of this island are similar to the adjoining mainland, with flats of greater extent and richer soil, as evidenced by a considerable growth of salmon-berry bush and skunk-cabbage. The timber is mostly rough and unfit for milling, though there are in places large cedars that should cut into shingle-bolts. The coast-line is deeply indented, affording excellent shelter for small boats. Wild geese were seen, but no signs of any other game. Access is by steamer to Port Hardy and thence by settler's own boat. Climate is the same as adjoining mainland, with slightly less fog.

East of Blunden Harbour.

Returning to Cohoe Bay, on the east side of Blunden Harbour, we surveyed a pre-emption and a vacant lot included between the shore-line and surveys already existing. While the general characteristics are the same mainly as west of Blunden Harbour, the subsoil seems to change to clay and the timber to improve in quality, there being on both lots surveyed bunches of timber distinctly fit for milling, which, while they are too small and scattered for ordinary logging operations, would undoubtedly help to repay the settler for the cost of clearing the land. Cohoe Bay and the adjoining Rayner Group of islands afford good shelter for boats.

Cracroft Island.

From here a long day's journey took us to Cracroft Island, on the north side of which we surveyed three pre-emptions. The soil here is generally good, consisting of a brown clay loam on a clay subsoil. The timber has originally been heavy. The fir and cedar have for the most part been logged off, and the hemlock and balsam are now in process of being logged. The adjoining waters are sheltered. Access is by steamer to Minstrel Island or to Beaver Cove, on Vancouver Island; thence by settler's own boat. The nearest post-office is Harbledown.

Neighbouring industries are logging, saw and pulp mill at Beaver Cove, sawmill and cannery at Alert Bay, and cannery at Knight Inlet. Climate during our stay was good. Game is apparently scarce.

From here we moved to a camp on the shores of Johnstone Strait, immediately opposite the east point of Hanson Island, with a view to completing the survey of a timber limit commenced the previous season. After a short time spent in cutting trail and examination of the ground, I decided that it was too late in the season to attempt this work, and after a further wait for weather good enough to allow our gasolene-launch to come around from Beaver Cove, where we had been obliged to send her for shelter, we pulled out for Loughborough Inlet and Upper Thurlow Island.

LOUGHBOROUGH INLET AND UPPER THURLOW ISLAND.

Arrived in the former place, we made a needed tie between four lots, finding an overlap not previously known to exist, and then proceeded to the survey of a pre-emption immediately adjoining Blind Channel Post-office on Upper Thurlow Island.

This pre-emption has a strip of very good clay land along the southern water-front, with a 700-foot mountain behind, carrying scattered fir and hemlock timber, too scattered and on too rough ground to have much commercial value. Game is reported scarce. Many logging camps are running in this vicinity, and a shingle-mill is in operation at Green Point and a cannery at Blind Channel. Steamers call twice a week.

I have, etc.,
M. W. HEWETT, B.C.L.S.

VICINITY OF POWELL RIVER, NEW WESTMINSTER DISTRICT.

BY G. K. BURNETT.

NEW WESTMINSTER, B.C., December 15th, 1919.

J. E. Umbach, Esq.,
Surveyor-General, Victoria, B.C.

SIR,—I have the honour to submit the following report on survey operations carried out by me in the vicinity of Powell River and Myrtle Point:—

This work consisted of dividing logged-off timber lands into small lots of suitable area for the purpose of settlement by pre-emptors. In all, fifty-three lots, varying in size from 40 to 90 acres, were surveyed, with a total area of 2,630 acres. In addition to this, a further area of 1,000 acres was blocked out for division at a future date.

Powell River is a thriving town of some 1,500 inhabitants, a large proportion of whom are employed in the paper-mill and sawmill operated by the Powell River Company. The town is situated on Malaspina Strait, on the Mainland, about eighty miles north-west of Vancouver. It has, in addition to the mills, a large modern hotel, two well-stocked general stores, and numerous small stores, a hospital, churches, post-office, and a Government telegraph-station with connections with points in the vicinity and with Vancouver. A tour of the paper plant, where one can follow the entire process of converting a log into a roll of paper, is both interesting and instructive.

ACCESSIBILITY.

The Union Steamship Company maintains a daily boat service between Vancouver and Powell River, stopping at all way-points. In addition to this daily service, both the Canadian Pacific Railway and Union Steamship Companies have regular boats calling frequently at Powell River.

Our first camp was located two miles and a half south of Powell River, on Malaspina Strait, and from this point thirty-three lots of 40 acres each were laid out. The Government road from Powell River runs through this property and continues more than a mile farther to the south-east. There are numerous settlers at present located on the surveyed land to the south of that we dealt with, most of whom are employed at Powell River and travel to and from their work each day. There is no doubt that the lots surveyed will be eagerly taken up by settlers who wish to work at Powell River and yet have a piece of land of their own which they can improve in their spare time.

On the completion of this survey we moved camp by boat to Black Point, where the second parcel of land to be dealt with is situated. This also fronts on Malaspina Strait and is about twelve miles south-east of Powell River. It lies between Myrtle Point on the north and Lang Bay on the south, and as both of these above-named points have Government wharves, and are regular points of call, the property is conveniently situated. Twenty lots, varying in size from 40 to 90 acres, were surveyed from this second camp.

SOIL AND CLEARING.

For the greater part of the area surveyed the soil is a sandy loam with a clay subsoil, but there are numerous ridges through the property which are composed of a sandy gravel and contain a large percentage of small stones. Between these ridges, and in places even on top of them, are depressions, or swales, containing soil of a clay loam composition. These depressions are somewhat wet at present, but are easily drained, and when this is done the soil will be excellent. The altitude of the land surveyed ranged from sea-level to an elevation of 450 feet. The greater part lay below the 300-foot contour.

This country was until recent years covered with a heavy stand of fir, cedar, and hemlock, but logging operations and an intense bush fire have in a large part cleared off everything but the stumps. Owing to the number and size of these stumps, the cost, in both time and money, to entirely clear the ground would be large. The method usually employed locally is to clear up the swales and other places where the clearing is light and get these portions under cultivation. The balance is rough-cleared between the stumps and used as pasture. The swales do not have large stumps and are therefore cheaply cleared.

CLIMATE.

Owing to the lateness of the season when we commenced survey operations I am unable to give information on the climate of this district from personal observation, but, judging from all accounts, the annual rainfall is light, probably between 30 and 35 inches. This is a very light precipitation and can only be accounted for by some peculiar formation of the mountain ranges at this point, as the precipitation at points both above and below Powell River, on the Coast, is considerably greater than this.

During October and the first week in November we had bright, warm days and cool nights, with three days' light rainfall; the second and third weeks in November were wet, with one day's snowfall of 1½ inches. The remaining days in November were bright, with frosty nights.

PRODUCE.

The land already under cultivation in this vicinity produces excellent vegetables, including corn and tomatoes. The tomatoes are large, smooth-skinned, full-flavoured, and free from skin blemishes, and heavy yields are obtained. Strawberries, raspberries, gooseberries, and currants also do very well, the gooseberries being noticeably free from mildew, a disease so prevalent in some localities. The soil and climate should be well adapted to fruit-growing and the young orchards already planted make a good showing.

Sheep and cattle do very well and at present are found ranging over the district, where they forage for themselves for practically the year round. Poultry also is a profitable side-line with a ready market.

MARKET.

Powell River and the large logging companies at Myrtle Point and Stillwater at present ship in their supplies from Vancouver, only a very small proportion of the farm produce required being obtainable locally. These markets will be open for some years to come, and the chief one, Powell River, is constantly increasing in population, so that intending settlers are assured of a ready market and good prices. There is also the advantage of being able to obtain employment near home at either Powell River or the logging camps.

ROADS.

The road from Powell River to a point about four miles south has already been mentioned. In addition to this, there is an extensive system of logging-roads from which the ties and metal have been removed. These old grades make excellent road-beds, and practically every lot

surveyed is tapped by one of these grades. With a small outlay the main lines of these systems could be connected with the present road from Powell River, and a good road obtained through all the land included in the present survey and also the balance intended to be laid out.

Fish, Game, and Sport.

The proximity of this land to the sea should prove a great attraction, as the bathing is good to the end of September and the facilities for boating are excellent in summer. Trolling for cod and salmon provides both sport and a possible means of earning money. Deer are plentiful and cougar are reported in the neighbourhood, but not met with by us. Grouse of the willow variety are also plentiful and numerous flocks of duck are found on the sea.

I have, etc.,

G. K. Burnett, B.C.L.S.

PITT RIVER VALLEY, NEW WESTMINSTER DISTRICT.

By D. J. McGugan.

New Westminster, B.C., December 15th, 1919.

J. E. Umbach, Esq.,
Surveyor-General, Victoria, B.C.

Sir,—I have the honour to report that I have completed the survey of certain logged-off areas into portions of approximately 40 acres each. As much of the land in the Upper Pitt River Valley has already been alienated, there is not a great area available for pre-emption, and so the portions that have been surveyed will in all probability very soon be taken up.

The Upper Pitt Valley is from a mile and a half to two miles and a half in width and about fourteen miles in length, and is flanked by high mountains on either side. The land at the bottom for this width is flat, except for the gradual fall, about 40 feet to the mile, to the head of the lake. Tidal water comes up to the head of the lake. This valley is tapped by the Upper Pitt River, which, as is common with our mountain streams, rises and falls very rapidly in times of freshet, and which is a force to which attention must be paid. It is being held in place now fairly securely by means of clearing out log-jams and obstructions and by a gradual straightening of its channel. A continuation of concerted action will certainly confine it to its present channel, so that it will not wear away its banks, to the detriment of the man, to whose property it forms a boundary.

Soil.

The soil is free from rock and stone and consists of a layer of alluvial clay about 3 or 4 feet in thickness, deposited over another layer of sand and gravel. Evidently this formation is the result of stream deposit in earlier days, when this valley was a continuation of the present Pitt Lake, and when the numerous small mountain streams on the side all deposited their quota of sediment in the lake, the water acting most effectively as a screen to deposit the fine clay on top.

Accessibility.

There is a fair settlement in the valley at present, all the pre-emptions being occupied. There is a post-office at Alvin and a store at the head of the lake. As Alvin is only about thirty-eight miles by water from New Westminster and about thirty from Port Coquitlam, it is really within easy reach of the comforts of the city. Thus the mail and passenger boat leaves the head of the lake at 7 o'clock in the morning and arrives in New Westminster before noon. It makes two trips each week on regular schedule, and during the past season it averaged over three return trips per week. During the summer pleasure-launches make their appearance over the week end at the head of the lake, as it is a favourite and pleasant run to the head from the city. Also from the head of the lake there is a well-constructed wagon-road leading four miles up the valley to the Dominion Hatchery, so that in the matter of transportation this district is very well served.

MARKET.

Being in a position now to ship any produce from the dairy, garden, apiary, poultry-yard, or farm out of the district, the next thing is to look into the possible demand for such products. These are landed in New Westminster, which is itself a city of over 18,000 and which is only twelve miles away from Vancouver, a city of over 100,000 people. These outlets, combined with the local demands from logging camps on Pitt Lake, are more than sufficient to take care of all the production of much larger areas than are available in the whole Fraser Valley.

CLIMATE.

The climate here is very similar to that of the Coast and of the Lower Fraser Valley, except that the precipitation of both snow and rain may be a little greater, perhaps about 65 inches per year in all. It is also somewhat colder in the winter-time, due to the fact of being hemmed in between mountains, which lessen the effect of the warmer sea-breezes. However, the stock all rustle considerable food for themselves at any time of the winter. The summers are bright and warm, bringing all vegetables and grains to maturity.

CLEARING.

After the fir and cedar are cut down and removed the succeeding growth is largely alder. As the original stand of timber was good, there will be many stumps in general to remove, and they constitute the chief trouble. However, this is the penalty imposed on the owner of nearly all the good land in British Columbia, as, if the land were not good enough to produce a heavy stand of timber, it would not later on be good enough to produce a heavy crop of grain. There are patches of easy clearing where the original stumps are burnt away, leaving patches of alder, but in general the prospective home-seeker should expect in this regard the same conditions that exist throughout the Lower Fraser Valley.

AGRICULTURAL DEVELOPMENTS.

As yet the farmers are engaged in raising vegetables, potatoes, oats, and hay on plots ranging from 5 to 10 acres. Most of them have dairy cattle, which they feed in the winter and allow to graze in the summer-time, as the farmers seed down the logged-off and burnt-off areas. In fact, these settlers are passing through the same stage now that the older ones on the Fraser did some twenty years ago, and there is every reason to suppose that these settlers of to-day should be the prosperous farmers of to-morrow. Small fruits grow very well indeed, especially strawberries and raspberries, the only complaint being that they are inclined to grow too large. At the present time it seems to me that the growth of small fruits offers better returns than any other part of the farm, especially when it takes some time to clear the land. One settler this year along the Patterson Slough had a garden, about 4 acres in extent, of celery, berries, tomatoes, cauliflower, corn, onions, cabbage, and cucumbers, and he has practically disposed of all his produce to logging camps on the shores of Pitt Lake. He took his produce to the wharf in the afternoon and the next morning it was delivered by the mail-boat to the various camps mentioned, thus ensuring fresh vegetables to the purchaser.

TIMBER.

Farther up the valley there are large holdings of timber, principally fir, cedar, and hemlock. It is the intention of these holders to take this out by a logging-railroad, as this offers the most economical way to handle this timber. This will ensure to the valley a good road along its entire length, even after all the timber has been removed. In fact, this road is now being surveyed and the necessary right-of-way is being secured, so that they may be in a position to log while timber commands a good figure. The logging of this timber will secure a ready and convenient outlet for all produce that can be grown, and also will solve the question of unemployment at slack seasons.

MINERALS.

Perhaps no area has been so much prospected and combed over for minerals as has this one. It is partly on account of the fact that it lies in a continuation of a highly mineralized belt extending from the Britannia Mine, along the head of Indian River and through to the deposits on Jones Creek; partly on account of the fact of the frequent occurrence of outcroppings of

copper and molybdenum, with traces of gold and silver; and partly on account of a popular fable that somewhere in this valley is the location of a lost mine of exceeding riches. Nearly every one of the settlers has a claim or two, but the chief hindrance so far has been the question of transportation to water, which later on may be solved.

Fish and Game.

In the fall a great many salmon come up the river, sufficient, in fact, to warrant the Dominion Government in establishing a hatchery in the valley. This hatchery is only exceeded in the number of salmon-eggs secured by one on the Coast, that one being at Harrison Lake. There are also trout in the river for the man who cares to go after them. Also the deer are beginning to show up more now as a result of not being molested so much by the cougar, and black bear coming down to the river when the fish are going up are fairly plentiful. On the higher levels there are the marten and the mink, and some of the settlers in these days of high-priced furs do very well on their trap-lines in the winter-time.

I have, etc.,

D. J. McGugan, B.C.L.S.

MOSES INLET AND HUNTER ISLAND, COAST DISTRICT.

By R. L. Horie.

Vancouver, B.C., December 30th, 1919.

J. E. Umbach, Esq.,
Surveyor-General, Victoria, B.C.

Sir,—My season's work for 1919 was divided into two parts—namely, a tie by traverse and triangulation to connect existing surveys at the head of the West Arm of Moses Inlet with those of Fitzhugh Sound, and a survey, as lots, of occupied pre-emptions and suitable Crown lands on Hunter and Campbell Islands.

I commenced operations on the West Arm of Moses Inlet and started through on the tie traverse to Fitzhugh Sound. The survey of the first two lakes, Ash and Cookson, was made from a camp at the head of Moses Inlet. Cookson Lake is a typical little beaver-lake, with flat marshy borders and occasional stretches of wild meadow around it. Ash Lake is long and narrow and has steep mountains bordering both sides for its entire length. The land at the westerly end, however, is fairly flat, and a big log-jam of several acres in extent occupies the lake near the outlet. As this is a well-sheltered spot and there is plenty of good dry wood easy to get in the log-jam, we put in our second camp there and from it surveyed the next (Elizabeth) lake. The fishing from off this jam was very good; the big cut-throat trout were not at all particular as to the bait or tackle that was used, and it took but a few minutes in the evening to catch enough trout to supply the camp for several meals.

Elizabeth Lake is between five and six miles long, and although at its westerly end it comes within about three-quarters of a mile of the salt water at Kwakume Inlet, it drains into a big lagoon by way of a river flowing from its South Arm. There is a stand of good cedar near the westerly end, and the mountain-slopes along the southerly shore are all fairly well timbered with hemlock and cedar. Along the northerly shore for the greater part of its length are sparsely timbered ridges which are the favourite haunts of deer, they being very plentiful and easy to hunt in this open country. The main feeders to the lake are the two streams that come in near the easterly end; one is a short stream draining Ash Lake and the other a large slow-running one coming in from the north. The mouth of the latter is a favourite location for beaver, and their industry has resulted in the formation of about 200 acres of fine meadow, on which the grass was growing to a height of about 4 feet when we came through.

Finishing the work on Elizabeth Lake, we moved camp through to the lagoon just where the river from the lake empties itself. We were rather surprised to find this body of water here, as from the best information obtainable it appeared that Elizabeth Lake emptied directly into the inlet back of Addenbrooke Island. At first we thought we had come through to another lake, as the water near the river-mouth, where we were camped, was quite fresh and there appeared to be no tide. Our first intimation to the contrary was when one of the men landed a small cod whilst fishing for trout. Apparently the water was only fresh on the surface.

It was now evident that it would take considerably more than a month to complete this part of the work, so, to augment our grub-supply, we put a small cedar-bark smoke-house up one evening, and from then on the cook was kept busy preparing and smoking the salmon that were now plentiful in the river. On this lagoon, as on the lakes, the trees hang far out over the water, and this with the crooked, narrow passages and numerous islets made survey-work an arduous job, more especially as there was no tide to leave the points bare at intervals. It was therefore generally necessary to do considerable clearing in order to get any kind of a sight at all. Notwithstanding this, the lagoon was very interesting to work in. The outlet has an entrance only about 10 yards wide hidden behind a small island. On another arm there is every evidence of a large mineral spring, as on the flats at the mouth of two small creeks emptying into it there is a considerable white precipitate formed and a strong smell of sulphur pervades. The rocks along the whole of this arm were absolutely devoid of growth of any kind and look almost as though they had been scoured; this is in marked contrast to the other parts, where all the rocks were covered with a profuse growth of weed.

The range of tide in here is probably not more than 3 feet. This is due to the fact that the outlet is narrow and very shallow and results in remarkable rapids being formed at every flow of the tide. At low water and outside, the overfall at one place is probably as much as 15 feet at times, and the effect is most picturesque, as the outgoing tide carries the foam out as it flows and the channel for its entire width is covered with it often for nearly a mile, giving the impression of a moving field of drift-ice. On the inside, however, even on a spring tide, the overfall rarely exceeds 4 feet. The rapids can be navigated with shallow-draught boats safely at two periods of the tide—once when the rising tide from the outside first reaches the level of the lagoon water, and then again about two hours later, when the tide has dropped again to the same level. There is only about two minutes of slack water at each of these periods.

Completing the work on the lagoon, we moved camp to a small bay of Fish Egg Inlet around a point from the rapids. The camp was pitched in a grove of big spruce, with a beaver-lake about 50 yards back of it, this being the only place within several miles where fresh water could be procured during this season of the year.

Once on the open inlet we made far better progress with the work. The points were generally clear and the sights were longer.

Fish Egg Inlet.

The inlet resembles the big lagoon. It is dotted with islands and has numerous arms and crooked passages branching off it. It is rememberable also for the number and variety of small lagoons and "skookumchucks" around it. One of these rapids in particular will bear further mention. It is the one that forms the entrance to a small inlet branching off about the middle of the south side of the main inlet. This entrance resembles a river-canyon more than anything else. It is very crooked and narrow, so narrow, in fact, that it is not possible to use the oars in a rowboat except as paddles. The walls are sheer, rising from the water's edge to a height of 50 or 100 feet, and the water, with the exception of about a minute or so at each slack, runs like a mill-race, with an overfall at low water of about 15 feet on the outside of high water, about 4 feet on the inside. It changes so quickly that five minutes after slack water it is not safe to run in with any kind of a boat.

There is no reason why there could not be quite a little settlement in this inlet. There is considerable flat land on the islands and around some of the little bays; and it should prove rather attractive to the fisherman who wants a place for a headquarters where he can keep his gear and have his own cabin. He could get any kind of a lay-out to suit his fancy, from the little land-locked lagoon to the ever-useful clam-beach. Cannery-tenders collecting fish both for Rivers Inlet and up Namu way pass the entrance every day, as there is a good fishing-ground right outside. In the winter trapping should be good indeed. Racoon and beaver are very plentiful, and we could nearly always depend upon seeing a few of the former animals around the "skookumchucks," where the swift-flowing salt water is particularly favourable to growth of shell-fish, such as mussels and barnacles, which form the main part of the food of these animals, and we saw beaver in nearly every one of the lakes. Deer also are very plentiful and are constantly seen swimming between the islands. It is seldom necessary to go far from the beach to get them.

Hunter Island.

Having completed our work on the Fish Egg Inlet, we moved to Hunter Island and started work on the survey of pre-emptions. We found quite a little community of settlers there, mostly of Icelandic extraction. They had evidently started in with the intention of making permanent homes for themselves, and nearly all had well-built substantial houses and buildings, with generally enough ground under cultivation to supply at least their own needs as to vegetables. This settlement is a good example of what can be done on that part of the Coast. It was started when the hard times struck Vancouver about the outbreak of the war, and although I am told that the settlers have never received any Government aid in the way of road-work, etc., they all seem to be prosperous. The fishing seems to be their main means of livelihood, nearly all of them making fair stakes in the summer, either trolling or gill-netting salmon. Their living expenses for the year are very low. Every house puts up its quota of salt and smoked salmon, and this with the vegetables grown on their own places and an occasional deer forms the greater part of their food-supply.

It might be found to be a wise plan if the Government were to cut up the land around some of the suitable coves in this vicinity into small tracts, say of about 5 acres or less, giving each some water-frontage and making the duties to obtain a Crown grant fairly light. This should tend to encourage the fishermen and loggers to stay in the country over winter and clear and build their own homes. As it is now, the large number of men who spend the summer working in the woods or engaged in salmon-fishing drift back to Vancouver every winter, when some such inducement might result in a number of small settlements being formed to the benefit of the Province in general.

I have, etc.,

Roy L. Horie, B.C.L.S.

DEAN AND LABOUCHERE CHANNELS, COAST DISTRICT.

By J. T. Underhill.

Vancouver, B.C., December 10th, 1919.

J. E. Umbach, Esq.,
Surveyor-General, Victoria, B.C.

Sir,—I have the honour to submit the following report upon my season's work in Burke, Dean, and Labouchere Channels, and Cascade Inlet:—

My work consisted in completing the triangulation of Burke Channel from Kwatna Inlet to the head of North Bentinck Arm, the triangulation of Labouchere Channel, completing the triangulation of Dean Channel from Cascade Inlet to Kimsquit, and the triangulation of Cascade Inlet itself, at the same time tying in all isolated lots and timber limits. Two pre-emptions were also surveyed, both on the shores of Burke Channel.

I commenced my survey from the Dominion Government Astronomical Station at Bella Coola, running a traverse from here to the head of North Bentinck Arm. A base-line 90-odd chains in length was then laid out across the tide-flats at the head of the arm, and the triangulation proper commenced. The work was carried westerly down Burke Channel to Kwatna Inlet, where a tie to C. C. Smith's work of the previous summer was made. Labouchere Channel was next completed, and the triangulation carried down Dean Channel to Cascade Inlet and up this inlet to its head. While in this portion of Dean Channel a sufficient number of Mr. Laverock's stations were picked up to tie in his work. Dean Channel was then completed from Labouchere Channel to Kimsquit.

An endeavour was made in the triangulation-work to have no angle under 30 degrees. This was adhered to as far as possible, but had to be abandoned in places where the channels were narrow, to avoid an excessive number of triangles and the consequent slower progress of the work. From checks obtained on my various base-lines the accuracy of the work was not impaired thereby. All angles were most carefully read, the method of repetitions being employed. The triangulation stations are almost without exception on solid rock. Consequently it was impossible to drive hubs at their centres, but as they were well rocked up, both around the centre pole and legs, it is expected that they will last for some considerable time. Each centre was marked

on the rock, and should the station be blown down the rocks piled at the centre and points of the triangular base should lead to its easy identification. Some few stations in Dean Channel and Cascade Inlet were nailed to trees or to the stumps of trees.

Various types and sizes of targets on the stations were tried, the most satisfactory being a plain diamond about 2 feet square in either red or white, depending on the background. Two targets at right angles to one another were used on each station. This was found to be essential, as the stations were sighted on from such widely differing angles.

BURKE CHANNEL—BELLA COOLA TO KWATNA INLET.

This body of water, averaging a little over a mile and a half in width, lies in a general south-westerly direction and is approximately thirty-six miles in length. It is bordered by rough, broken mountain-sides falling very steeply to the shore, and is marked by an almost total lack of beaches. Owing to its great depth few anchorages are available; those suitable for small craft being five in number—namely, Bella Coola at the head of the channel, Bachelor Bay about six miles down-channel, Green Bay at the mouth of the Nooseseck River, Croyden Bay (locally known as Jacobson Bay) opposite the junction of Labouchere Channel, and Hole in the Wall (called False Kwatna), a small land-locked bay on the south side just before the entrance to Kwatna Inlet. There are one or two other places where temporary shelter can be found, but those mentioned above are safe in most weathers. The tides and currents in these waters are strong and tricky and require careful study for those navigating the same in small launches. North Bentinck Arm has more or less a straight tide-run, but choppy seas are experienced when the prevailing west winds of the summer meet the outgoing tide. There is one rock to be avoided in this portion of the channel at the southerly corner of Bachelor Bay. This rock lies about 200 feet off-shore and is awash at low tide. Launches skirting the shore can pass between, the water being deep, or go outside this rock when coming to anchor in Bachelor Bay.

From Green Bay to Labouchere Channel is undoubtedly the worst portion of this channel as far as tide-rips and seas are concerned. Masachiti Head (Indian for bad) is well known locally, and the waters in the vicinity of this point are treated with great respect. With an outgoing tide and a westerly wind, a short choppy sea, often of some size, is experienced here. From accounts of local Indians and residents many a small boat has been towed out of this area in a swamped condition. This tide-rip is caused largely by the tide in South Bentinck Arm turning forty-five minutes earlier than the tide in North Bentinck Arm, and aggravated by the tide ebbing in Labouchere from Dean Channel and flowing out of Labouchere into Burke. Work was considerably delayed in this section owing to the above conditions; the launch I had (25-foot half-decked) being really too small to operate except under favourable conditions, usually obtainable from 4 a.m. to 12 a.m., before the daily west wind commenced to blow. One reef only was noticed in this area. It lies close in to the north shore about three miles east of Masachiti Head and is awash at low tide.

The section from Labouchere Channel to Kwatna Inlet undergoes a marked change as one proceeds down-channel. Commencing at the junction of Labouchere Channel, with the tide-rip area described above, less and less rip is seen and a more even run of the tide experienced as we proceed towards Kwatna Inlet. Conditions become normal about five miles east of the entrance to Kwatna Inlet.

The sea-life in this channel undergoes a considerable change as one proceeds down-channel. Commencing with brackish water at the head, due to the inflow of the Bella Coola and Necleetsconnay Rivers, one finds only fish that are adaptable to either fresh or salt water, noticeably salmon, trout, and flatfish, with an occasional fish, such as cod, that belong more truly to the salt water. The absence of seaweed and other sea vegetation is noticed. As soon as the influence of the fresh water is overcome by the greater bulk of salt, seaweed, and other vegetation belonging to the sea, also fish such as cod, bass, and perch are seen in increasing numbers till the water becomes truly an arm of the sea. The total absence of clams and the scarcity of shell-fish in this area is remarked on by any one visiting this channel who is accustomed to other portions of our Coast.

As regards the land surrounding this body of water, little can be said of its agricultural possibilities; the country, with the exception of Bella Coola, dealt with later in my report, being almost devoid of level land. Most of the shore is well timbered, vegetation coming right to the shore-line and in many places overhanging it. Communication along the shore is most difficult

owing to the roughness of the mountain-sides, boats being the only means of access. The few scattered lots held as pre-emptions are much retarded in their development by their very isolation. It would appear, further, that the majority of these pre-emptions were located solely for their timber values. Logging has been and now is again being carried on in the valley of the Nooseseck River, there being quite a little camp at its mouth. An extension to the old wharf, carrying it out to deeper water, has just been erected here, and the logging-railway is again in operation. Hand-logging is carried on in various places in the channel both by whites and Indians, most of the logs being towed to Ocean Falls. The Ocean Falls Paper Mills apparently own the great bulk of the timber licences in this area, and now they are having to go farther afield for supplies of timber, it is expected that this channel will be more extensively logged. It is quite possible that many small parcels of land suitable for agricultural purposes are located in some of the larger creek-valleys. As my survey did not extend behind the shore-line, this could not be ascertained. Many of the creeks are capable of developing considerable power and nearly all appear to be of glacial origin.

Bella Coola.

Bella Coola, lying at the head of North Bentinck Arm, comprises the flat land about the mouths of the Bella Coola and Necleetsconnay Rivers. The townsite proper is situated slightly over a mile from the shore, on the banks of the Necleetsconnay, and is composed of several frame houses, two general stores, a post-office and telegraph-office, and hotel. It is connected by wagon-road with the Government wharf at the head of the arm, and also to the old Indian village on the banks of the Bella Coola. The roads are continued up the valley for some considerable distance. A weekly boat service by the Union Steamship Company connects this town with the Lower Coast and Prince Rupert.

The flat land in this neghbourhood is heavily timbered with very good fir, spruce, and cedar, and when cleared will be most suited to agriculture. The few clearings already under cultivation are very productive, the potatoes grown in this valley being ranked with those of Ashcroft. Farther up the valley I understand there is considerably more land under cultivation, but this I did not visit.

Two canneries are situated at the head of North Bentinck Arm, one on either shore. That on the south shore, owned by the British Columbia Packers, was used as our headquarters. Mr. Saint, the manager, was most obliging, and extended his kind assistance to me in every way possible. Engine-trouble, of which we had an average amount, was quickly righted by his able staff. These two canneries are the mainstay of Bella Coola during the fishing season, and are the means of livelihood to a majority of the settlers and Indians in this vicinity. During the winter months trapping and hunting are carried on to some extent. This year a fair number of returned men found employment with the canneries, either as fishermen or in some other capacity, but owing to the poor season a great many were disappointed.

Labouchere Channel.

This channel, running in a northerly direction, connects Burke and Dean Channels and is a link in the chain of water communication between Ocean Falls and Kimsquit to Bella Coola. It is shaped in the form of a letter "S" reversed, it being impossible to see through this channel from Burke to Dean, as shown on the present charts and maps. The channel averages just under a mile and a half in width, and is approximately nine miles and a half long. It is bordered by steep rocky mountain-sides, very rough on the west, but sloping more gently on the east.

The water in this channel, as in Burke, is very deep, but owing to the greater stretches of beach anchorages are more readily found. The tides and currents in Labouchere Channel, while strong, appear to be fairly regular. The incoming tide flows into this channel from Dean, and then runs out into Burke Channel. Tide-rips were seen only at the junction of this channel with Burke and Dean. No reefs of any importance were noticed.

The sea-life is similar to that of Burke where they adjoin, codfish possibly being more plentiful.

Owing to the channel lying roughly at right angles to the prevailing west winds of the summer, no rough weather was experienced here; but I understand that during January and February, when strong north winds are common, there is often a sea running.

The land bordering this body of water, owing to its mountainous nature, is not suited for agricultural development. There appears to be a small bench on T.L. 10391 on the west shore, but this land at present is heavily timbered, and owing to its isolation it is doubtful if it will ever be occupied. Two very good stands of timber, one on either shore, are covered by Timber Limits 10390, 10391, and 10392 on the west, and Lot 227 on the east. So far these have not been touched to any extent by logging operations. There is little evidence of hand-logging, practically all the merchantable timber being covered by the above lots.

Dean Channel—Cascade Inlet to Kimsquit Indian Reserve.

This channel, approximately thirty-eight miles in length, lies in a general north-easterly direction, the last twelve miles running almost due north. It averages a little over a mile and a half in width and is bordered by rough, broken mountain-sides falling steeply to the water. Dean Channel, while deep, affords many good shelters and anchorages for small crafts, there being quite a number of deep bays, notably Eucott, Nascall, Skowquiltz, and Iron Mine Bays on the north shore, and Camp Bay on the south.

The tides and currents in this channel appear to be fairly regular in their run, but on the whole are swifter than those in Burke Channel. As will be noticed from the map of Dean, there are quite a number of narrow necks. At these points the currents are quite strong, but tide-rips were only occasionally seen. With the prevailing west wind of the summer and an outgoing tide, choppy seas were experienced opposite the entrance of Cascade Inlet, at the junction of Labouchere, and in the long stretch in the vicinity of Iron Island. Local fishermen state that the only waters one need fear during the summer months is the stretch off Iron Island and opposite Elcho Harbour, which was below my work.

One reef of some importance was tied in. This lies some distance off Iron Island, and is awash only at the lowest tides. In my opinion this rock should be marked by the proper authorities.

The blue-print supplied me by the Department shows this rock some miles out of place, as also Lot 298, to which it was tied.

The sea-life in Dean Channel is similar in all respects to that in Burke, the absence of clams again being noticed.

The land bordering this channel, while mainly rocky mountain-sides, is sufficiently broken in places to allow of possible development in the future. Several small parcels of land, fairly level on the whole, are dotted up and down the channel on either shore. At present they are almost all covered by timber licences or pulp leases, and until such time as they are logged off will not be available to settlement. Their isolation from suitable markets, and the fact that few of the tracts are capable of holding more than one or two settlers at most tends to delay settlement for some time to come. The following all contain small parcels as described above: T.L. 3415, Lots 219, 232, 233, Eucott Bay, Nascall Bay, Lot 220, Skowquiltz Bay, Lots 143, 139, and 47.

Dean Channel is well timbered throughout, as evinced by the number of timber limits and pulp leases already surveyed. The timber is mainly hemlock, fir, cedar, and spruce. A few of the leases have been extensively logged, notably Lot 231, Lot 47, Lot 220, and Eucott Bay. Practically all of the timber is towed to Ocean Falls and utilized either as pulp-wood or handled by the mill there. Quite a number of hand-loggers are operating in this channel and meeting with fair success.

Several mineral claims have been located on both shores, particularly in the neighbourhood of the Iron Mines.

The creeks flowing into this channel, particularly those to the east of Labouchere, are of considerable size. Should mining develop to any extent they would be most useful for power purposes, as all have a good fall and could be readily tapped at a short distance back from the shore. Practically all the creeks are of glacial origin, and judging from distant views some of the glaciers are quite large in extent. An endeavour was made to get into Nascall Lake, but finding that it was impossible to take the boats up Nascall River without dragging them overland, the attempt was abandoned. The river itself is very swift running and studded with boulders and small falls.

Kimsquit, at the mouth of the Dean River, is fast falling into decay. The few houses and shacks are in a dilapidated condition, and at the time I was there were deserted. Were it not for the two canneries, one on the west shore, opposite the mouth of the river, and the other just

north of the Indian reserve on the south shore, the head of the channel would be entirely deserted. The two canneries, the Manitou on the west and the Kimsquit on the east, provide employment for quite a number. But as these people are only here during the fishing season, no benefit, as far as development goes, is derived from their temporary stay. Some little trapping and hunting is done in the valley during the winter months by Indians, but none was seen by me during the course of my work.

Cascade Inlet.

This body of water, lying in a north-westerly direction, averages about three-quarters of a mile in width and approximately sixteen miles in length, and is bordered by precipitous rocky mountain-sides of a most inhospitable nature. The water is deep throughout and no suitable anchorage is found, except at its head. The current in the inlet is normal, there being no tide-rips. No reefs were noticed, but in one or two places where landslides have come down into the inlet it is well to avoid the shore.

The land surrounding this inlet, with the exception of the flat land at its head, is totally unsuited for agricultural purposes. There is scarcely room to even pitch a tent. The flat at the head, mentioned above, contains roughly 160 acres in the form of a half-mile square. It is moderately well timbered and contains several patches of open grass land, and also patches of alder and willow bottom. Owing to its distance from the regular channels of communication, however, it will be some time before any one will be bold enough to settle in the valley.

This inlet is very well named. There are no less than eighteen cascades of some size and many smaller ones. For rugged scenery it is hard to excel. The cascades coming down from the glaciers look extremely beautiful, while the large glacier at the head, sitting between two iron-stained peaks, shows up to advantage in the midday sun.

There are patches of good timber here and there, but owing to the steepness of the mountain-sides they are of no extent. A few sticks of timber have been hand-logged off, but there is no scope for logging on a larger scale.

The range of mountains on the west is of distinctly volcanic origin, the crators of two long extinct volcanoes appearing in the form of large hollow cups.

Pre-emptions Surveyed.

Two pre-emptions were surveyed, Lots 1309 and 1310. Lot 1309, on the east shore of Croyden Bay, Burke Channel, lies on the side of a steep mountain-side falling to the north and west, and is moderately timbered throughout. Very little work in the way of clearing, etc., has ever been done in it, and I doubt if the land will ever be suitable for agricultural purposes. It conflicts with Lot 709 (T.L. 43656), which it overlaps to some extent. The timber on this pre-emption is really its only value.

Lot 1310 is situated on the north shore of Burke Channel, about three miles west of Green Bay. It lies on the side of a mountain falling to the south, and is sparsely timbered throughout. Near its south-east corner there is a patch of alder bottom containing approximately 10 acres of very good land. To the west of this lies another small patch, about 5 acres in extent, of similar land, while immediately behind are approximately 25 to 30 acres of land covered with second-growth timber which is suitable for agricultural purposes. The balance of the lot is very patchy, with here and there small parcels of good land and then rock-outcroppings.

Weather.

During the time that I was in the area covered by my survey fine weather was the general rule, daylight for the months of June, July, and August lasting from 3.45 a.m. to 10 p.m. During the summer the prevailing wind is from the west. This year the winds were stronger (according to Mr. Saint, the manager of the Bella Coola Cannery) than any previous summer in the last fourteen years. In the winter months the winds are from the east and north, and, judging by the trees on some of the more prominent points, must be of considerable velocity. The snow does not leave the higher levels of the mountains till late in July, and fresh falls of snow may be expected anytime after the end of September. No summer frosts were experienced during June, July, or August, but in September the nights were decidedly chilly, with occasional frost. The rainfall in this area is similar to the surrounding coast, with the exception of the heads of both Dean and Burke Channels. Here the precipitation is considerably less, these points being on the eastern edge of the Coast Range.

MINERALS.

Throughout all the area covered by me iron-stains and bodies of iron ore are most prevalent. In the vicinity of Iron Island, Dean Channel, there are a group of claims on which development-work is now being carried on. Here they have an excellent quality of magnetic-iron ore, very fine in grain, which on fracture has almost the appearance of pig-iron. I understand they are shipping the ore to Seattle, Wash., where it is being treated by some new electrical process. They are also shipping a siliceous rock for fluxing purposes which is found in the vicinity. At present this is the only development-work being carried on. The greatest body of iron seen by me appears first on the south shore of Burke Channel about five miles east of Kwatna Inlet. This body of ore appears again on the north shore, and would seem to run through to Dean Channel, across Dean Channel (appearing slightly east of the entrance to Cascade Inlet), and is again seen at the head of Cascade Inlet in two large peaks. Many other smaller bodies of iron appear up and down the channels.

Copper indications were noticed in several places, more particularly in Dean Channel, between Labouchere and Kimsquit. Here malachite and azurite were seen, and I strongly suspect that had more time been available copper pyrites would have been found. No indication of other minerals were noticed, but from just casually looking over the country as we passed it would be easy to miss them.

GAME.

Game in this area is fairly plentiful. Deer were seen throughout the length of Burke Channel, in Labouchere Channel and Cascade Inlet, and in Dean Channel west of Labouchere. No deer were seen east of Labouchere, and it is a disputed point among local inhabitants as to whether they are there or not. King Island seems to abound in deer. The valleys of the Bella Coola and Kimsquit are well known for grizzly and indications of black bear were seen throughout the area. A few grouse were noticed in all the alder bottoms at the mouth of creeks visited, but they are scarcely plentiful. Goat may be found on the mountain-sides throughout this country.

The creeks abound in trout. Siwash and sawbill ducks were seen everywhere, also a few geese and other edible ducks. Not many fur-bearing animals were seen except mink, but I understand that trapping is quite profitable in the valleys of the rivers and larger creeks.

I have, etc.,

JAMES T. UNDERHILL, B.C.L.S.

MATHIESON CHANNEL, COAST DISTRICT.

BY A. E. WRIGHT.

VICTORIA, B.C., December 10th, 1919.

J. E. Umbach, Esq.,
Surveyor-General, Victoria, B.C.

SIR,—I have the honour to submit the following report, descriptive of the British Columbia Coast lying between Roscoe and Mussel Inlets and triangulated during the summer of 1919:—

The coast-line triangulated included the following channels and inlets, viz.: Return, Spiller, Ellerslie, Seaforth, and Mathieson Channels, and the North and East Arms of Mussel Inlet. The triangulation commenced at the Indian reserve on Johnson Channel, at the mouth of Roscoe Inlet.

Return Channel is that body of water connecting Seaforth and Johnson Channels and separating Yeo from Chatfield Island. From the junction of Return and Johnson Channels, at this point about two miles wide, Roscoe and Sisters Inlets bear away in a northerly direction.

The shores of the easterly portion of Return Channel are steep and rocky, but the western half is much more level. The whole is covered with a fair growth of timber, mostly hemlock, but with a sprinkling of spruce, red and yellow cedar, and balsam. The rock formation is the hard granite of the Coast Range, with some greatly altered sedimentaries.

The only activity in this neighbourhood was the salmon-fishing at the mouth of a large creek on the north of Yeo Island shore, in the vicinity of Lot 134, and some logging outfits up Sisters Inlet.

Return and Johnson Channels are used by the boats towing Davis rafts from the north and Queen Charlotte Islands to Ocean Falls. It affords a safer and more direct route than Lama Passage. So far the steamboats have not used this route, as it is neither charted nor lighted, although it appears the most direct to Ocean Falls from the north, with the exception of Gunboat Pass, which is too narrow and tortuous for the larger steamboats.

Spiller Channel and its continuation, Ellerslie Channel, bear northerly from the junction of Seaforth and Return Channels and separates Yeo from Don Island. The timber here is similar to that on the shores of Return Channel, and is best adapted for the purposes of the manufacture of pulp.

The only salmon-fishing carried out here was at the mouth of the stream at No. 5 Indian Reserve on Don Island, locally known as "Tinkey."

There must have been a large population of Indians inhabiting the shores of these channels at one time. Totem-poles are seen everywhere, and ancient shell-mounds, overgrown by heavy timber, should prove a fertile field for archæologists.

Seaforth Channel.

Seaforth Channel is the main steamboat channel for this part of the Coast. At its entrance stands Ivory Light on an island of the same name, and consists of a lighthouse and home for watchman, foghorn, etc. The light is visible for thirteen miles over Millbank Sound.

Seaforth Channel is about two miles wide, the shores being low and rocky, with reefs running out in some places a quarter of a mile from the shore. The rock formation on the south of Dufferin Island shore is sedimentary, consisting of beds of sandstone, conglomerate, and shale, with pebble beaches in some places. The north of Don Island shore is granite.

Don "Island," which is not an island but a peninsula, forms the north shore of Seaforth Channel; the timber is more scrubby than on Yeo Island and is unfit for any commercial use, save pulp-manufacture. Some fair-sized spruce and balsam are seen on Ivory Island, which has been reserved for lighthouse purposes only.

Millbank Sound.

The next portion of the Coast to be triangulated was the east shore of Millbank Sound, which consists of islands with narrow boat passages behind. It is possible for launches and tug-boats to avoid the rough water of the sound altogether by using these passages. They are even used by tow-boats with Davis rafts. The westerly or sound shores of these islands are very rough, and the waves wash up the rocks for a distance of 25 to 30 feet in rough weather, making a boat-landing even in the calmest weather a difficult and dangerous procedure.

Lady Island, to the north of the sound, is fairly level, the rock being sedimentary for the greater portion. Several pre-emptions were taken up at one time on this island, but only one at the entrance to Moss Pass showed signs of having been inhabited during the last three or four years.

Mathieson Channel.

Mathieson Channel was triangulated for its entire length. It commences at the north-east of Millbank Sound and has two entrances, one at each side of Lake Island. The eastern entrance, called Canoe Pass, is not used except by gas-boats, but the western or main entrance is used by tugs with Davis rafts. The tide here attains the speed of 4½ knots per hour. There is some good spruce and hemlock timber on Lake Island, but that facing Canoe Passage has been logged.

Mathieson Channel is connected with Finlayson Channel (the main steamboat channel) by several passes, viz.: Moss Pass, between Lady Island and Dowager Island; Oscar Pass, between Dowager Island and Susan Island; Jackson Pass, between Susan Island and Roderick Island; Griffin Pass, between Roderick Island and James Island; and Sheep Passage, separating James and Roderick Islands from the Mainland.

On Mathieson Channel there is no settlement or Indian village throughout its entire length of over forty miles, excepting a few Indian shacks at the entrance on Lady Island, which were uninhabited when visited. The only fishing consists of purse and drag seining at the mouths of creeks, and this summer there were no loggers operating in the vicinity. The greater part of the timber is best adapted to the manufacture of pulp. The country-rock is the usual white granite of the Coast Range, though a belt of altered sedimentaries, consisting of bands of impure limestone and shale, is seen crossing the channel diagonally about four miles above Griffin Pass.

MUSSEL INLET.

An examination of maps and charts would leave one uncertain as to just where Mussel Inlet starts and Mathieson Channel ends, and there seems to be very little connection between the North and East Arms of Mussel Inlet. A way out of the difficulty would be to confine the name "Mussel Inlet" to the North Arm above its junction with Sheep Passage, and to give a new name altogether to the East Arm. The shores of both arms of Mussel Inlet are much steeper than those of Mathieson Channel, and the mountains are much higher and more rugged, although such timber as grows in the creek-bottom attains a fair size.

At the head of the North Arm of Mussel Inlet is Poison Cove, so called because some of Captain Vancouver's crew while charting the inlet were poisoned by eating mussels.

GAME.

Coast deer, geese, ducks, and grouse were the only edible game seen, and the islands in the vicinity of Millbank Sound and Seaforth Channel are pretty well stocked. Does with fawns were seen on several small islets. It seems that the fawns are born on these islets, some not an acre in extent, the does feeding on the main islands and swimming back to their young when satisfied. When disturbed the mothers swim away out of danger, well knowing that the young cannot be found.

On two occasions we attempted to discover the whereabouts of these creatures, but in each case nature's colouring proved too much for us. After the danger had passed the doe returned to see that everything was all right.

Bear are very numerous on the creeks on Mussel Inlet and the head of Mathieson Channel, especially during the salmon run. They are mostly of the black variety, although one grizzly was inspected through the transit from a quarter-mile distance. No effort was made to get closer acquainted, as the only rifle at hand was not intended for that sort of game.

Salmon run up all the creeks of any size and are caught for the canneries by means of purse and drag seines. Great shoals of herring were noticed, probably driven in by the whales, of which several were seen.

A rather unique experience was the sight of a 50-foot whale jumping clear out of the water, whether in play or by being attacked by some of its enemies was not determined, but the performance lasted for ten minutes on two separate days, and the thud of the fall on the water could be heard for five miles; unfortunately no camera was available on either occasion.

Sharks were also seen cruising around, and one arrived in the bay where we were camped one evening, just too late to chase the swimmers ashore. He cruised around for a while showing his triangular-shaped fin above water, but disappeared suddenly on getting a rifle-bullet through his fin. This or another shark was also seen jumping clear of the water. I am informed that they have no business in such cold water, but the fact remains that one was caught and photographed at Swanson Bay this summer.

The climate for the greater part of the year is mild and wet, although during July and August the weather is delightful. The snowfall, which at the heads of the inlets is very great, becomes rapidly less the nearer one gets to the open sea. Very little falls around the shores of Millbank Sound.

I have, etc.,
A. E. WRIGHT, B.C.L.S.

LASQUETI ISLAND AND VICINITY.

BY S. S. MCDIARMID.

VANCOUVER, B.C., November 14th, 1919.

J. E. Umbach, Esq.,
Surveyor-General, Victoria, B.C.

SIR,—Lasqueti Island, with an area of about twenty square miles, lies in the Gulf of Georgia about two miles west of the south end of Texada Island and about ten miles from Vancouver Island. The distance from Nanaimo is, roughly, thirty miles, and it is in this city that the settlers do most of their trading. There are wharves at Tucker Bay and False Bay, but no steamship service. The only regular line of communication with outside points is by the mail-

launch, and it has no licence for carrying passengers. In order to get to our work we were compelled to hire a special boat at Nanaimo.

There are two main trails on the island upon which Government grants have been spent, and therefore described as "roads" by the settlers. One runs from False Bay easterly to Squeti Harbour; the other runs from Tucker Bay southerly to Boat Cove, at the foot of Mount Jenkins. A new trail has been constructed south-easterly from False Bay into section 26. These trails are not wide enough for wagons to be used and loads are hauled on sleighs or drags. The post-office is at Tucker Bay, and the visitor is surprised to find rural free-delivery boxes along the trails, especially so when he knows of the infrequent mail service. The postmaster delivers the mail on foot to these boxes by carrying his load in a pack-sack.

Lasqueti Island is mostly rocky—the east end roughly piled. In the hollows or bottoms are accumulations of earth, sometimes dry, but more often grassy swamps. The hills or mountains are moss-covered, but there are also places where a wild grass grows in the timber. According to the settlers, there was a few years ago much more grass and an attempt was made to turn the island into a large sheep-ranch. It is said that many hundreds of sheep were feeding there, but thieves and hunters made away with so many that the effort was abandoned. The bush is now growing where there was at that time grass and the pasturage is disappearing on the hills.

The island has been and still is, in places, well timbered, and some excellent fir and cedar will be cut when the richer areas in other places have been depleted. Logging has been carried on on Lasqueti, and much valuable timber partly felled and cut into logs has been damaged by a fire during the latter part of August of this year. This island seems to be more adapted to forest-culture than to farming. The small patches of arable land are not sufficiently inviting to the practical farmer, and in several instances it is apparent that the timber and not the soil has attracted the pre-emptor. So much of the Crown-granted land is unoccupied that pre-emption seems to be a form of speculation and there is much to discourage the pre-emptor. That which would have been an excellent forest reserve, surrounded by water, now is, or soon will be, alienated from the Crown to so-called ranchers, who in order to exist must have large sums of public money spent to open up lines of communication.

There are three lakes of fair size, and one at the foot of Mount Tremerton is quite prettily situated. Its area is about 30 acres. Another lake, not so large, is in Section 14, and it is stocked with trout which may be caught up to 3 lb. in weight. These lakes and a large number of small brooks furnish an ample supply of fresh water, although during the past exceptionally dry summer many of the brooks were dry.

The climate is more like that of the vicinity of Nanaimo than the Mainland opposite. An evidence of the dryness of the climate is found in the cactus which may be seen along the southerly shore. This is the only locality where the writer has seen cactus growing on the Coast. The settlers say that there is little or no snowfall each winter.

There is a cannery at False Bay which provides employment during the fishing season. The only store on the island is at this place, but the Farmers' Institute is opening up a co-operative store at Tucker Bay.

Lasqueti is quite free from animals of prey, so that sheep may be raised safely. The only game is deer, which seem quite plentiful.

ADJACENT ISLANDS.

Seven small islands adjacent to Lasqueti were surveyed. They are all quite similar to the main island, except that they have even less soil for cultivation. The largest island of these seven is Jervis Island, and this has been made into a goat-farm. There seems to be no other or better way in which this rocky island, or any of the others, can be used, and although it is larger than a pre-emption claim, yet it would be of little value if subdivided.

Jenkins Island has a small flock of sheep feeding upon it.

I have, etc.,

S. S. MCDIARMID, B.C.L.S.

WEST COAST, VANCOUVER ISLAND.

By F. E. Leach.

Victoria, B.C., November 15th, 1919.

J. E. Umbach, Esq.,
Surveyor-General, Victoria, B.C.

Sir,—The early part of the season was spent subdividing Crown lands situate on Black Lake and on the easterly side of Pachena Bay, Vancouver Island. Of these lands eight parcels are unalienated.

The ground rises abruptly from the shores of Pachena Bay to a height of about 100 feet, forming an undulating plateau which extends as far as Black Lake. On the east side of Black Lake the ground is more hilly, rising steadily from the lake to a height of several hundred feet. The streams generally run in well-defined valleys, and there is always sufficient slope for good drainage, a necessary thing in this district of heavy rainfall. A number of small streams and springs occur throughout the area, giving an abundant supply of good water.

At Banfield there is a post-office, store, and wharf. It is a regular port of call for the steamers plying on the west coast, and also for the small mail-boat running between Alberni and the settlements of Barkley Sound. There is a good harbour which is conveniently situated for the fishing-boats working off Cape Beale. Banfield is the terminus of the Pacific cable.

A trail was built some years ago by the Dominion Government from Banfield to Pachena. This was intended to facilitate life-saving efforts in case a wreck should occur, but of late years little or no care has been given it and it is rapidly growing up with brush. The Government Telegraph Line follows this trail. Originally it was intended for a wagon-road, and wheeled vehicles have actually been taken over it, but at present it is only fit for pack-horses. The grades are too steep to allow of its being improved into a wagon-road without relocating it in many places. The distance from Banfield to the centre of the area surveyed is about five miles. Any of the settlers' produce seeking a market would have to come out over this trail.

In fine calm weather it is possible to come by launch from Banfield to Pachena Bay, a distance of about fourteen miles. This necessitates rounding Cape Beale, where heavy seas are likely to be encountered during the winter months. There is no wharf in Pachena Bay, but the sand beach at the head of the bay is suitable for landing in small boats.

Pachena Bay affords fair shelter in the summer months from all winds except the south-west, but it would not be safe to attempt to keep a boat at anchor in the bay during the winter. At high tide launches or fishing-boats can enter the mouth of the Pachena River, where there is deep water at all tides, with complete shelter.

The only industry carried on hereabouts is fishing. Many settlers on the west coast have their own gasolene-boats, with which, in a favourable season, they earn considerable money trolling for salmon. All the well-known harbours are visited by fish-buyers, so that there is no difficulty in disposing of the catch. This is an uncertain business, as the seasons vary so much and the habits of the fish are not yet thoroughly understood.

All the area is covered with heavy timber. Close to the coast are found very large spruce and cedar. These are generally scrubby, with branches coming almost to the ground. They are of little or no value as timber, but are very difficult to get rid of. At the edge of the plateau there is usually a stand of tall clear hemlock, with occasional spruce or cedar. Farther inland there are large areas of scrubby hemlock and cedar. Some of the latter are very large, but almost always they are hollow, with dead tops, and frequently divided into several forks. There are also small areas of balsam and some scattered white pine and yew. Throughout the whole area the underbrush is exceedingly thick and there are many old windfalls on the ground. These together render travel through the woods very difficult and slow.

The soil is a rather shallow sandy loam with a gravel or hard-pan subsoil. It appears to be fertile, as ordinary garden-truck flourishes in the gardens which have been prepared by the few settlers in the vicinity. The great difficulty is in clearing off the timber. If this is slashed in the winter and allowed to dry the following summer, a fair burn can probably be got that autumn. All the heavy trunks and stumps will, however, be left, and the trunks will have to be sawn up and the stumps blasted, so that a man working alone cannot expect to get any return off the land for several years.

The climate is mild and equable; during the summer there is but little rain, but there is a heavy precipitation in the autumn and winter. No exact figures are available, but it is probable that the annual rainfall is not far from 100 inches.

There is no game in this part of the country.

Islands in Barkley Sound.

A number of small islands were surveyed in Barkley Sound. These are similar in soil, timber, and climate to the lands above described. Generally they are much more accessible than the lands at Pachena Bay, as there is a chance to get to them by boat. While too exposed to the ocean winds to make good farms, they afford excellent sites for fishermen's homes and their sheltered sides would make good gardens. Water can always be found on islands of about 100 acres area.

I have, etc.,

F. E. Leach, B.C.L.S.

PHOTO-TOPOGRAPHICAL SURVEY, OSOYOOS AND SIMILKAMEEN DISTRICTS.

By R. D. McCaw.

Victoria, B.C., November 28th, 1919.

J. E. Umbach, Esq.,
Surveyor-General, Victoria, B.C.

Sir,—I beg to submit my report on field operations of the photo-topographical surveys carried on by me during the season just past.

Two areas were included in your instructions of May 22nd. The first was a continuation westerly of the area of 1918 or an area extending westerly from the Okanagan River, bounded on the south by the International Boundary and on the north by the surveys of 1914 and 1917. The second area was to comprise the watersheds of Harris and Creighton Creeks, east of Vernon. As weather and other conditions were not considered favourable to commence the latter area at the beginning of the season, it was decided to carry on as much work as possible in the southern area, leaving sufficient time to complete the Harris-Creighton Creeks area before fall weather should delay operations. The first area as completed for mapping comprises an area bounded on the east by the Okanagan River and on the west by the Similkameen River from the International Boundary to Keremeos, and the west watersheds of Keremeos and Sheep Creeks from Keremeos to Brent Mountain (1914 surveys). The second area embraces the watersheds of Creighton and Harris Creeks, with their tributaries.

Regarding instruments, the cameras used were the same two used last year. These were purchased from the Boundary Commissioner, Ottawa, last spring. The primary triangulation of former years, as balanced to conform with North American datum, served as a base and no new stations were established. The triangulations of the season were therefore of a secondary nature, so that an instrument reading to less than one minute of arc was not used. Some 80 dozen camera-plates were exposed, Cramer's isochromatic plates being used again, but only during the first half of the season. A delay in shipment caused a substitute to be used in the way of Royal Polychrome plates during the latter part. This variety is much faster than the former and lacks the latitude, insomuch that overexposures do not come up as well. The correct estimate of light and exposure is therefore of great consequence. This makes a very good plate, difficult to handle without mechanical exposure; however, fair results were obtained in spite of lack of sufficient time for test views. Some exposures gave extremely good results.

Season's Operations.

My assistant, T. Rognaas, organized a camp south of Penticton and commenced work on June 2nd. I left Victoria on June 5th, and, with a party of six all told, operations were well under way by the second week in June. The first camp was located by the Marron Valley Road and work was carried on from this camp until June 27th, the roads in the district making good means of travel to stations sometimes fifteen miles away. To go into a description of the area covered during this period is hardly necessary, as the available lands have been surveyed and

the reports of surveyors filed. F. H. Latimer, in his report under date of November 20th, 1917, goes very fully into the description of this district. Here it is probably sufficient to state that between Fairview and Shatford (Sheep) and Beaver Creeks the area is largely of a broken character, with many narrow valleys, separated by low hills becoming higher as we travel east from Dog Lake. The lower hills are usually open timber, while those higher are well timbered. The whole country is a grazing area outside cultivated lands. Lack of water for irrigation keeps much arable bottom land from being cultivated, and, unfortunately, the character of the country does not provide local sources of any extent.

Numerous photographic and triangulation stations were occupied, the broken character making a greater number necessary. The surveys were easily incorporated in the 1918 net.

On June 27th a move was made to a point on the Fairview-Cawston Road about two miles west of Fairview, and from this camp stations were occupied to cover the Okanagan slope south to the International Boundary. This locality assumes a more massive state than that to the north, until Richter's Pass is reached, when the broken hills are again in evidence. The main Okanagan Valley at Fairview and south is quite wide, with comparatively flat areas which are at present being brought under irrigation for soldier settlement. Up to the present this land has been stock-range, no extensive irrigation project having been attempted. The slopes to the west supply good grazing, which extends generally to the top of the ridge—6,000 feet. The Fairview vicinity is an old mining camp and evidences of former activity are very apparent. The West Kootenay power-line passes a little north of Fairview and the advent of electrical power may awaken interest in the old holdings.

SIMILKAMEEN VALLEY.

The next camp was located in the Similkameen Valley, near Cawston, the move being made via the Fairview-Cawston Road. The power-line just mentioned follows this road closely en route to Keremeos and west. We now extended our work along the Similkameen River, occupying stations on both sides, from the International Boundary to Keremeos. A primary station of 1918 on Mount Kobau was used again. This mountain is a knob a little higher than the surrounding undulating ridge, which is almost a mile wide in parts. Locally it is known as "The Big Knoll" and is seen for a long distance along the Okanagan Valley. This ridge and the slopes to the south form excellent range land, the growth of grass in parts being very luxuriant.

As a rule the sides of the Similkameen Valley are steep and show much bare, precipitous rock. The bottom is wide and largely under Indian reserve. Where cultivated it seems very productive. A good irrigation system would bring larger areas under cultivation, including present sage-brush and grease-wood benches. The river is a winding stream with many sand and gravel bars of considerable size at low water. The west slope of the Similkameen rises in high, bare mountains, carrying snow until late in the summer. There does not appear to be any perpetual snow. These conditions give rise to well-watered streams flowing into the Similkameen from the west, which is in direct contrast to the mere trickles from the east side and which generally dry up in the summer.

Keremeos is situated at the junction of Keremeos Creek and the Similkameen River and is a settlement where there is considerable activity in fruit-growing and garden produce. The general appearance of buildings and farms gives the idea of a prosperous locality. Unfortunately, this year frosts in the early part of October did great damage to the tomato-crop, a product of which Keremeos is generally noteworthy, and the resultant loss is in thousands of dollars. Although not incorporated, Keremeos is really a small town and is connected with excellent highways with Princeton, Penticton, and the United States. The Great Northern Railway passes through the town en route to Princeton. The power-line of the West Kootenay Power Company also goes through en route to Copper Mountain.

The last main camp in the district was located on the Penticton-Keremeos Road at the summit between Keremeos and Shatford (Sheep) Creeks. From this camp one fly camp was extended up the old freight-road (not in use at present) that leads to the Nickel Plate property. Apex Mountain and adjoining high mountains were occupied with the transit and camera. Unfortunately, smoke from forest fires drifted in in sufficient density to delay camera-work and a little time was lost from this cause. The intention was to complete the watersheds of Keremeos and Sheep Creeks by the end of July, but smoke prevented this. As it was, we

managed to complete all but four main stations near Keremeos by August 3rd. It was necessary to leave these four in order to be sure of completing the Harris-Creighton Creeks area before fall.

Vicinity of Harris and Creighton Creeks.

On August 4th and 5th the entire camp was shifted to Lavington, in the White Valley, east of Vernon, and the next day surveys in the Harris-Creighton Creeks area were commenced. The previous work adjoining this area was done in 1916 and most of the signals were down, so that a couple of main signals were necessary at once. Blue Nose Mountain signal was built up again and further views taken to the east. A new signal was placed in the Camel's Hump, east of Lumby. The side (primary triangulation), Aberdeen Mountain-Buck Hills, is the control for this area. The signals on these stations were still standing, although the latter was almost down.

Triangulation and camera stations then followed in the vicinity of Lumby and the lower part of Harris and Creighton Creeks. Smoke was beginning to create a nuisance, and, unfortunately, two fires were burning within the area to be covered. Strong winds in hot, dry weather soon spread these, and other fires were noticed in different directions. By August 17th the smoke was so dense that the adjacent mountains were hidden most of the time. Up to this date we had managed to very nearly complete the lower elevations and a considerable portion of the upper part of Creighton Creek, and were almost ready to go up the Harris Creek Trail to "The Plateau." The fires made this hazardous, and, in addition, there were still a couple of stations I wished to occupy before going up the creek. Heavy smoke continued, and I wired you stating the conditions. Your reply was that the work was important and to carry on. The smoke cleared away very considerably on August 27th and I occupied a station the day following. As conditions seemed better, we started up Harris Creek on the 29th. The upper part of the trail had to be opened up, and in this we were greatly assisted by a party headed by Major McDonald, Water Rights Branch. Rain came while we were on the trail and for the ensuing ten days some time was lost from this cause. The wet weather ended the smoke nuisance, however.

"The Plateau" before referred to is a continuation northerly of the Mission Plateau mentioned in my reports of 1915-16. The area comprising it is poorly adapted to photographic surveying, so that considerable track survey with compass and barometer was necessary. This is connected with the triangulation, and, combined with photographs, enables the desired result to be obtained. The Buck Hills station of 1916 was occupied again. The upper portion of the Harris Creek watershed (part of "The Plateau") is a series of meadows, swamps, and small lakes, separated by low rolling hills, burnt over in parts, leaving huge windfalls and standing dead trees.

When "The Plateau" was completed stations were occupied on the slopes and summits down-stream to connect with work done previously. The Camel's Hump was the last station occupied, final readings being taken to all other important stations. Camp was broken up on September 26th and all the party paid off but one man, whom I retained to assist me at Keremeos. The camp outfit was stored in Vernon with the Government Agent.

I started south for Keremeos on Saturday, September 27th, and on Monday occupied a camera group on the south spur of Brent Mountain. A few bad days intervened then before I could complete three stations at Keremeos. These were eventually done by October 4th, and I went to Penticton to complete a few final matters, leaving there on October 7th for Victoria.

During the season the following stations were used:—

Primary triangulation stations (old)	4
Secondary triangulation stations (new and old)	3
Photographic stations	115
Separate camera stations	265

In addition, connections were made in several instances to land-survey corners.

General.

The atmospheric conditions, taken all through the season, were not bad, although the period of smoke referred to before was the worst I have experienced. From the middle of July to the first of September more or less smoke was with us continuously. Light rains in August cleared the situation for a day or two at the particular time, but these were insufficient to drench the

fires. Lightning occurred with the rains and in several localities started new fires. Notwithstanding this detrimental factor, good results were obtained with the camera.

Conditions in the Okanagan Valley seemed to indicate prosperity. Plenty of work was going on, insomuch that men were hard to get usually. The Canadian National Railway lines in this district were being constructed and employed large numbers. Grading was being done beside Long Lake and east from Vernon to Lumby. In the Southern Okanagan the irrigation project being carried on by the Water Rights Branch gave plenty of work. In this area, also, the West Kootenay Power Company's line (power) was under construction. Unfortunately, strikes were delaying this project considerably. The various crops all through seemed good at the time. In the vicinity of Lumby hay and grain made a good yield. I believe early frosts damaged the late fruit to some extent.

In the Similkameen Valley the areas under cultivation are not as large as in the Okanagan, but usually good crops were harvested where grown. The tomato-crop, as I mentioned previously, was injured by early frosts and the growers experienced a heavy loss. The Similkameen area is properly a mineral area and a large number of prospects and old workings were encountered in the course of our travels. At present the Horn Silver Mine in the south is being worked to a large extent. The Nickle Plate property has been working, but I believe it was to close down in October for the purpose of installing some new machinery. The West Kootenay power-line will no doubt give rise to greater activity in mining when electrical energy is available.

The game is very similar to that described in other seasons for the various areas covered. There are a few deer between the Okanagan River and the Similkameen. The numbers increase west of Keremeos Creek. South of Lumby mule-deer are very numerous and on "The Plateau" they may be said to be plentiful. Grizzlies are numerous in this latter area and afford the big-game hunter plenty of sport. Black and brown bears are quite common lower down. Two mountain-goats were seen during the trip up Harris Creek. Some sheep are said to exist in the vicinity. Regarding grouse, the southern area contains a few of the various species, while near Lumby large numbers of birds were seen. Again we must mention the rattler. South of Penticton and in the Similkameen they are quite plentiful, and a person, subconsciously, is always on guard while travelling on foot. Ten were killed this year and as many more seen. Small trout usually abound in the streams. The lakes on the plateau between Harris Creek and Jones Creek are well stocked with larger trout and these are easily enticed to take the fly.

Map-work is now under way. Two sheets will be prepared, one of the Harris-Creighton Creeks area and one of the area west of the Okanagan River. As usual, triangulation and timber plans will accompany the topographical sheets. A few photographs will be submitted later on.

I have, etc.,

R. D. McCAW, B.C.L.S.

SURVEY OF THE BOUNDARY BETWEEN THE PROVINCES OF ALBERTA AND BRITISH COLUMBIA.

BY ARTHUR O. WHEELER.

December 31st, 1919.

J. E. Umbach, Esq.,
Surveyor-General, Victoria, B.C.

SIR,—As in preceding years, the same two divisions were at work upon the survey of the Interprovincial Boundary during the season of 1919—viz., that of R. W. Cautley, D.L.S. and A.L.S., Commissioner for the Dominion and for the Province of Alberta, in charge of the work at the summits of the passes surveyed and of the survey of the 120th meridian of longitude, and A. O. Wheeler, D.L.S. and B.C.L.S., Commissioner for the Province of British Columbia, in charge of the photo-topographical survey to delineate the watershed of the main range of the Rockies where it forms the boundary and of the mapping of the country adjacent thereto.

INSTRUCTIONS.

Acting under instructions from the Surveyor-General of Dominion Lands, Mr. Cautley's division continued the survey of the 120th meridian, commenced in 1918, from both ends of the portion of it surveyed by him the previous year.

The topographical division extended the survey and mapping of the watershed and adjacent country northward from Thompson Pass, where the work had closed the previous season, to some distance north of Fortress Pass and Lake.

SURVEY OPERATIONS.

MR. CAUTLEY'S DIVISION.

Having purchased a pack-train of twenty-four horses at Morley and shipped them to Grande Prairie by railway, and having completed outfitting, Mr. Cautley proceeded with his party to Grande Prairie.

Mr. Cautley reports that his party consisted of himself, his assistant, and fourteen men. With the exception of himself and his head packer—both over military age in 1914—and his chainman, who was still under age in 1918, every member of his party was a returned soldier, most of whom had been decorated for conspicuous bravery and all but one of whom had seen active service in France. Mr. Cautley takes great pleasure in being able to report that every man on the party did his work faithfully and well, and that, as a whole, it was the most all-round efficient and reliable party he had ever taken out.

Owing to the so-called "sympathetic strike" of May and June, 1919, difficulty and delay was experienced in obtaining railway express and freight, but, finally, he left Grande Prairie on June 14th and arrived at the end of the 1918 work on June 19th.

In accordance with the plans of the Commission, as approved and embodied in his instructions, Mr. Cautley first surveyed the 120th meridian south through Township 74 from the south end of his 1918 work, and then, proceeding to the initial point of the 1918 work on the north boundary of Township 77, he continued the survey of the meridian north for the remainder of the season.

The southern part of the survey occupied from June 20th to July 5th, and on July 9th to October 1st the survey was continued northward. Altogether forty-eight miles of the boundary were surveyed, exclusive of the surveyed connections with former surveys, and fifty concrete monuments were built.

Character of the Country surveyed.

Township 74.—Through this township the meridian is described as following high ground with drainage to the east and at a mean elevation of about 2,900 feet. The whole country has been burned over; the north half of the township has been more completely burned and is less cumbered with brulé, but the south half is covered with piled-up brulé and second-growth timber. The soil has been badly burned in places. There are occasional areas of green timber which will be useful to settlers, but are not large enough in extent to have any value as marketable timber. Mr. Cautley does not consider that Township 74 is suitable either for settlement or even for grazing, and, as far as he was able to judge, the same description applies to Township 73.

Township 78.—The south two miles and a half of the township is covered with thick green poplar and willow; the soil is good and the slopes are so gradual that it will doubtless be taken up as farm land. The next half-mile is covered with heavy, standing brulé, and the remaining three miles are on the eastern edge of the Pouce Coupe Settlement and are occupied and fenced. The elevation varies from 2,585 to 2,100 feet, except where broken by the valleys of the Pouce Coupe River or its tributaries, which drain the township.

Township 79.—The township exhibits the same general characteristics as Township 78; that is to say, the surface is an undulating plateau varying in elevation from 2,050 to 2,150 feet; the surface is more or less covered with brulé and scrub second-growth timber, and the soil appears to be a blackish clay with a stiff clay subsoil. Much of the land through which the line passes is already taken up by homesteaders, and there can be no doubt that it will be completely settled within a year or two.

The township is well watered by the Pouce Coupe River and two tributary streams. While the soil appears to be excellent and the general surface to be so gently undulating as to be almost ideal for farming operations, Township 79 presents one great disadvantage from the prospective settler's point of view which is common to all land on both sides of the Peace River Valley, and which becomes more acute as one nears the valley itself—namely, the great depth and steep slide-bank character of all tributary valleys, however small the amount of water they may carry.

The disadvantage of the above-described formation as it affects settlement is twofold: First, it makes all practicable routes of travel devious, expensive to construct roads along, and expensive to haul loads over; and, secondly, it means that the only available water-supply is so deep down below the surface of the agricultural land that the settler is in the position of a farmer dependent on very deep wells, which are costly to construct and operate. From conversation with farmers of the district it would appear that it is generally possible to get water for summer use from shallow wells, but that the water thus obtained is really surface seepage rather than a true underground flow, and that all such wells freeze up in winter.

Township 80.—The southerly three miles of Township 80 are a continuation of the gently undulating plateau previously described, varying in elevation from 2,070 to 2,100 feet. The surface is largely cleared by fire and there are many areas of almost open prairie, alternating with bluffs of scrub poplar or standing brulé. The soil is a blackish clay with a stiff clay subsoil. There are well-developed farms on the British Columbia side of the line which showed heavy stands of wheat and oats this summer.

The northerly three miles of Township 80 is a continuation of the same plateau, but is covered with thick tangled brulé and second-growth scrub timber, and is much cut up by numerous small grass marshes and hummocky knolls.

Doe Creek crosses the boundary from west to east in Section 29 in a valley 250 feet deep and 24 chains wide. The valley of Doe Creek is only 50 feet deep one mile west of the boundary, whereas it both widens and deepens very quickly as it approaches the valley of Pouce Coupe River, which Mr. Cautley estimated to be 550 feet deep near its intersection with the north boundary of the township.

As all the land in this township to the west of Pouce Coupe River is an unbroken continuation of the same plateau on which the present farming settlements of Pouce Coupe and Rolla are situated, it is not subject to the disadvantages of inaccessibility described as applying to Township 79.

Township 81.—Sections 1 to 4, 9 to 12, and the south halves of 13 to 16 are much cut up by the valley of Doe Creek and Sections 25, 35, and 36 by the valley of Pouce Coupe River, but, apart from the above-mentioned sections, the whole township is a continuation of the main plateau, the elevations along the boundary varying from 2,070 to 2,120 feet.

Fire has run through almost all of the township and the surface is covered with brulé, alternating with thick small poplar or standing brulé; except that for a few sections in the south-west corner, which are pretty well cleaned up by successive fires, no valuable timber was seen. There are a great number of small marshes, separated by low knolls, but the muskeg areas are comparatively few and small.

Ultimately, Township 81 will naturally become an extension of the Pouce Coupe and Rolla farming district, but, having regard to the present cumbered state of its surface and the rather large proportion of marshy land found, Mr. Cautley felt that it should be described as second-class land.

Township 82.—The township is so much cut up by the valley of Pouce Coupe River, by a small tributary of Peace River, and by the Peace River itself that only a small and irregular part along the south boundary of the township is on the general plateau-level. The surface is covered with brulé and second-growth poplar until the banks of the Peace River are reached, where there is a belt of green spruce up to 18 inches in diameter for a distance of about one mile back from the river.

The boundary crosses a bend of Peace River and the immediate banks are higher and steeper than at any other place Mr. Cautley noticed in 140 miles of travel down the river. The last monument built on the south side had an elevation of 1,756 feet, and the elevation of the water in the bed of the river was found to be 1,253 feet. The bed of the river is about 13 chains wide.

It appears to Mr. Cautley that the greatest present value of Township 82 is in the timber along the south bank of the river, and that the policy of the Government should be to conserve and protect the timber; in this connection it may be pointed out that the brulé, which extends right up to the green timber on its southerly edge, is a constant menace, and Mr. Cautley suggests that settlers be not allowed to enter upon this township.

Township 83.—The southerly two miles of the township is particularly good land; the surface is gently undulating and pretty well cleared up by fire, the soil is good, and a nice

So nearly does it approach this condition that it seems highly probable that seepage from Chaba River flows to Fortress Lake. The mean width of the gap between the enclosing mountain-sides is probably three or four miles, and the thickly timbered slopes are covered with large-sized merchantable spruce and fir, mixed with smaller balsam and cedar.

The summit of the pass has not yet been surveyed and monumented owing to the fact that Mr. Cautley, whose division has charge of that part of the work, was engaged upon the survey of the 120th meridian.

Fortress Lake.

The lake is a fine sheet of water fed by streams flowing from glaciers chiefly lying in the mountain pockets on its southern side. It has a nearly east-and-west direction and a length of about ten miles, with a greatest width of about one mile. It empties at its western extremity by the Wood River, a tributary of the Columbia River which is joined at Boat Encampment, situated at the most northerly point of the Big Bend of the Columbia.

The lake is enclosed by very steep mountain-sides densely grown with large-sized timber and thick undergrowth, which extends down to the water's edge, making travel along the shores an impossibility. A rough pack-trail has been cut out along the north side, but it was found to be so badly obstructed by overgrowth and windfall that it was more expedient to construct a four-oared raft and use that to navigate the lake.

It was necessary to get to the western end of the lake in order to occupy camera stations for mapping it and the surrounding country, the more particularly that the main watershed, which constitutes the Interprovincial Boundary, lies along the tops of the mountains enclosing the lake on the north side. Four camera stations, two on each side of the lake, were occupied.

On September 9th the party left Fortress Lake and travelled to the head of the East Branch of Chaba River, where two stations were occupied. Camp was then moved to the junction of the East and West Branches of the same stream and a station occupied on the north side of the West Branch.

On September 11th a station was occupied on the east side of the main Chaba, and on the 15th camp was moved to the West Branch of Athabaska River, where a climb was made of a high peak and a station occupied on the east side of the valley.

West Branch of Athabaska River.

The work was now carried to the head of the West Branch, directly north of Mount Columbia, which mountain on this side is a symmetrical rock pyramid. The amphitheatre at the head of the West Branch of the Athabaska is wildly picturesque, showing wide areas of gravel flats, caused by the outflow from a number of magnificent ice-falls from the northern extremity of the great Columbia ice-field and from ice-fields lying farther west. Two stations were here occupied.

On September 18th a move was made back to the previous camp, from which a second, higher, and more distant peak was occupied as a station from which to connect with the work done at Wilcox Pass.

While this was being accomplished a second party occupied a station on September 21st at the junction of the Chaba and West Branch of the Athabaska Rivers, on the west side of the valley, which practically closed the work for the season.

Close of the Survey.

The party started for Lake Louise Station on September 22nd, and en route made a final climb of a high peak of over 10,800 feet in altitude near the head of Sun Wapta River for the purpose of tying in the work of the season with that of the previous year.

Here occurred a remarkable experience. The latter part of September, during the equinoctials, is always a difficult time for photography on the high peaks owing to high winds, clouds, and snow-storms. On the 25th the climbing party started at daylight of a fine bright day for a climb of more than 5,000 feet. About half-way up the clouds settled down and it began to snow. After waiting an hour or more at a sheltered spot we pushed on to the summit, hoping that conditions might change and permit of the work being done when we got there. However, on arrival at the summit at 1.30 p.m. the conditions were the same—clouds down over the mountain-top and snowing lightly. It was bitterly cold and we were about to give it up when the clouds

broke suddenly and lifted for about two hours, enabling us to get all the data required. The clouds then settled down again and it was several days before the weather was sufficiently fine to have made another ascent worth while.

Game and Fish.

A few mountain-goats were seen on the higher grassy spaces of the mountain-sides, also a few mountain-sheep in the vicinity of Wilcox Pass. A number of brown bear were seen and a few moose. Caribou-tracks were noticed in the Athabaska and Chaba Valleys, but none were seen. Grouse in the forest and ptarmigan in the alpine meadows above timber-line are fairly plentiful.

There are evidently fish in the Saskatchewan River, but none of large size were seen owing to the continued muddy condition of the water during the season.

The water of Fortress Lake is very clear and limpid, but no fish were seen. I have heard it said that fish are there, and the presence of the kingfisher, of which species of bird several were noticed, would confirm the statement.

Summary.

The progress for the season was satisfactory and the programme arranged was carried out, notwithstanding considerable delay caused by the smoke of distant bush fires, which hung like a pall over the landscape for days at a time, rendering photography almost useless and wearing out the party in making laborious climbs that yielded no results.

The section of country covered is a very difficult one owing to its being occupied by the highest peaks of the range and to its very broken and rugged character. On the Alberta side the valley-bottoms of the principal waterways are largely composed of wide gravel flats, intersected by hundreds of river-channels which, during the earlier part of the year, often mean swimming for the horses. On the British Columbia side the valleys are narrow, with very steep sides, so cut up by the paths of snowslides as to render travel along them exceedingly arduous. Most of the smaller valleys present narrow rock canyons which bar progress to travel.

The valleys are filled with a dense timber-growth, necessitating a climb of from 2,000 to 3,000 feet through thick bush and windfall before the actual ascent of a peak is begun.

Areas of good timber—spruce, fir, and cedar—were noticed around Fortress Lake, at the head of Wood River, and in the valleys on the British Columbia side of the boundary. At Fortress Lake a number of location stakes for timber claims were seen.

Wide areas of snow and ice lie along the continental watershed on both sides, and access to the main divide, and particularly to the country adjacent to it on the British Columbia side, is very difficult when possible.

Trails that can be travelled by pack-horses are found in most of the main valleys and constitute the highways of travel between the Canadian Pacific Railway and the Grand Trunk Pacific Railway. In the Bow River and Mistaya River Valleys they have been improved by the Dominion Parks Branch and the Forestry Branch of the Department of the Interior, but, as a rule, they are mere horse-tracks worn more or less deeply by constant travel, and are good or bad—generally bad—according to the nature of the surface over which they lie. On the British Columbia side there are not even horse-tracks, and for travel by the pack-train all paths had to be cut out.

Three members of the party of eight were men returned from military service overseas. The remainder were all either too old or too young to have been so engaged.

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ARTHUR O. WHEELER,
Interprovincial Boundary Commissioner.

VICTORIA, B.C.:
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1920.

little creek, which Mr. Cautley called Moonlight Creek, affords an all-summer supply of good water. It drains a number of large marshes to the north.

In Section 31 the boundary passes into a belt of heavy green timber which is continuous for two miles and a half to the north, and which Mr. Cautley roughly estimated to contain seven merchantable white-spruce trees—sound and averaging 18 inches in diameter—to the acre. The timber could very easily be got out to the Peace River, and, as far as Mr. Cautley's limited exploration could be said to justfy an expression of opinion, he believes there is a good deal of it and that in it lies the principal value of the land.

In this connection Mr. Cautley begs to record his conviction that the conservation of timber is incompatible with the encouragement of settlement in any district at one and the same time. There is abundant evidence that settlers in a new country rely on fire as the principal agent in clearing land, and the fires which they deliberately set very frequently get beyond their control; this is particularly true of squatters, who, as a rule, are not so much interested in clearing up a given quarter-section as in roughly clearing a large range for their cattle, and—at least from this point of view—it would appear to be in the interest of the country at large if the Dominion "Lands Act" were to be amended so as to deprive squatters of any legal status.

Township 84.—The southerly mile and a half of the township is covered by the mixed heavy timber described as commencing in Township 83, and is followed by two miles and a quarter of wet muskeg covered with small green spruce. The muskeg was explored for two miles on either side of the line and found to continue beyond the limits of exploration.

Beyond the muskeg there is a narrow belt of good spruce timber and a willow marsh that extends up to the southerly shore of Boundary Lake, where the last monument of the season was built. Boundary Lake is a shallow lake about two miles long by one mile wide, lying north-west and south-east. Most of the lake is choked with a rank growth of slough-grass, but there are several areas of open water.

Monuments.

The form of monument in use for marking the Interprovincial Boundary, where that boundary has been surveyed at the summits of the passes and on the 120th meridian, is of concrete and necessitates the use of a large quantity of gravel. Mr. Cautley calls attention to the fact that the difficulties attendant upon procuring gravel are so great that it may be necessary to consider the use of another form of monument.

During the past season his outfit packed 75 tons of monument material. His three packers worked steadily six days a week, frequently working twelve hours a day, and the horses were pretty well used up by the end of the season, and yet, in spite of their best efforts, it was not always possible to keep up the supply of material as required.

Gravel had to be packed from a distance of fifteen miles and raised as much as 1,200 feet in elevation, and necessitated the construction of one piece of trail two miles and a quarter in length across a wet muskeg, which had to be cut out and brushed for a great part of its length, work which occupied the entire party for nearly three days. So long as the work was within reach of the Pouce Coupe and Peace Rivers the difficulty could be overcome, but when the gravel-beds of those streams were left behind the difficulty of keeping up the gravel-supply became almost insurmountable. His conclusions are as follows:—

(1.) That the present type of concrete monument is the most suitable and enduring that he knows of.

(2.) That the present type of monument should be retained for marking the boundary in the mountain passes.

(3.) That if the present type of monument is to be retained for the continuation of the 120th meridian the fact must be recognized that it will be necessary to employ an auxiliary pack-train and that the monuments will cost proportionately more.

(4.) That if the proposal (3) is not acceptable to the Governments concerned the matter should be referred to the Commission, with instructions to bring in a report recommending some alternative form of monument for the unsurveyed part of the 120th meridian where it is the Interprovincial Boundary.

TOPOGRAPHICAL DIVISION.

The topographical division, as in previous years, organized at Banff, and Mr. Wheeler's party left that place for Lake Louise Station of the Canadian Pacific Railway on June 20th. From Lake Louise Station the party travelled by trail, via Bow River Valley and Pass, Mistaya River

Valley, Saskatchewan River Valley, and Alexandra River Valley, to Thompson Pass, where the previous season's work had been discontinued, arriving there on June 28th.

Valley of Rice Creek, South Branch.

On June 30th a party descended the valley of the North Branch of Rice Creek, a tributary of Bush River flowing from Thompson Pass Summit, and camped close to the junction with the South Branch.

The South Branch is in a narrow valley enclosed by very steep mountain-sides. A trail was cut out and an attempt made to take horses over it, but the slopes were so steep and rough that five horses fell with their loads and one was so badly injured that it had to be shot. The party then packed in the camp on their backs and with much labour reached the head of the valley.

Here four camera stations were occupied and the country at the head of Lyell Creek to the south and of Bush River to the north partially covered.

Valley of Bush River.

An attempt was now made to reach the Bush River Valley, at the headwaters of which stream lies the continental watershed, separating it from the headwaters of the Athabaska River, flowing northward. A mile below the junction of the two branches of Rice Creek the stream flows in a narrow, rocky canyon, through which it was found impossible to take horses. The party then carried packs on their backs for three miles farther, but the canyon became so wild, deep, and dangerous that it was found impracticable to get through. It was next attempted to cut a path over the surrounding mountain-slopes to the south—the north side was quite impossible—but, having arrived at the crest of the ridge above the canyon, cliffs and steep mountain-sides of 2,000 feet or more barred progress in that direction.

In my 1918 report it was stated that the approaches on either side of Thompson Pass Summit were not prohibitive to the construction of a road to the Bush River Valley. While that was true in so far as was then known, it is now apparent that if a road could possibly be constructed through the canyon above referred to it could only be done at a very great expense.

Columbia Ice-field.

On July 16th camp was moved from Thompson Pass to Castleguard River, a tributary flowing from the Columbia ice-field to Alexandra River. It was then necessary to cut out a trail to get the camp in a suitable place to work from.

On July 19th a climbing party traversed the Columbia ice-field for several miles to a point below the south face of Mount Columbia and occupied a station there in an endeavour to get the information that had not been obtained through inability to reach the Bush River Valley.

From July 19th to 24th four stations were occupied in the vicinity of the Columbia ice-field and Saskatchewan Glacier, flowing from it; the glacier is the main head and source of the North Branch of the Saskatchewan River.

Sun Wapta River.

Camp was next moved to Wilcox Pass, and six camera stations were occupied to cover the Eastern boundary of the Columbia ice-field and the country adjacent to it at the headwaters of the Athabaska River. Work here was completed by August 13th, and on the following day the party moved down Sun Wapta River Valley to its junction with the valley of the West Branch of Athabaska River, and up the latter to the junction of that stream with Chaba River. The valley of Chaba River was then followed to Fortress Pass and Lake, where the party arrived on the 17th.

Fortress Pass.

Fortress Pass Summit presents a most extraordinary example of an easily accessible crossing over the Great Divide, and one of a nature that has not before been encountered by the Commission. A narrow strip of low-lying, thickly timbered land, barely half a mile wide, separates the waters of Chaba River, flowing northward to Athabaska River and the Arctic Ocean, from the eastern end of Fortress Lake, which empties by Wood River into the Columbia and so to the Pacific Ocean.

In this narrow strip of land, forming the continental divide between the separating waters, there is but a few feet of difference in elevation, and to the casual observer it is a level flat.

So nearly does it approach this condition that it seems highly probable that seepage from Chaba River flows to Fortress Lake. The mean width of the gap between the enclosing mountain-sides is probably three or four miles, and the thickly timbered slopes are covered with large-sized merchantable spruce and fir, mixed with smaller balsam and cedar.

The summit of the pass has not yet been surveyed and monumented owing to the fact that Mr. Cautley, whose division has charge of that part of the work, was engaged upon the survey of the 120th meridian.

Fortress Lake.

The lake is a fine sheet of water fed by streams flowing from glaciers chiefly lying in the mountain pockets on its southern side. It has a nearly east-and-west direction and a length of about ten miles, with a greatest width of about one mile. It empties at its western extremity by the Wood River, a tributary of the Columbia River which is joined at Boat Encampment, situated at the most northerly point of the Big Bend of the Columbia.

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ARTHUR O. WHEELER,

Interprovincial Boundary Commissioner.

VICTORIA, B.C.:
Printed by WILLIAM H. CULLIN, Printer to the King's Most Excellent Majesty.
1920.

PROVINCE OF BRITISH COLUMBIA

REPORT

OF

THE FOREST BRANCH

OF THE

DEPARTMENT OF LANDS

HON. T. D. PATTULLO, Minister

M. A. GRAINGER, Chief Forester

FOR THE YEAR ENDING DECEMBER 31ST

1919

PRINTED BY
AUTHORITY OF THE LEGISLATIVE ASSEMBLY.

VICTORIA, B.C.:
Printed by WILLIAM H. CULLIN, Printer to the King's Most Excellent Majesty.
1920.

VICTORIA, B.C., February 13th, 1920.

To Colonel the Honourable EDWARD GAWLER PRIOR,

A Member of the King's Privy Council for Canada,

Lieutenant-Governor of the Province of British Columbia.

MAY IT PLEASE YOUR HONOUR:

Herewith I beg respectfully to submit the Annual Report of the Forest Branch of my Department for the year 1919.

T. D. PATTULLO,

Minister of Lands.

The Hon. T. D. Pattullo,
Minister of Lands, Victoria, B.C.

Sir,—There are submitted herewith statistical tables with a brief comment thereon, covering the main activities of the Branch during the calendar year 1919.

M. A. GRAINGER,
Chief Forester.

REPORT OF THE FOREST BRANCH,
DEPARTMENT OF LANDS.

LUMBER TRADE EXTENSION.

In March last the Department secured for the mills of the Province an order for 70,000,000 feet of lumber from the Imperial Government. In order to handle this business successfully the exporting mills formed a company, named the "Associated Timber Exporters of British Columbia, Limited," with headquarters in Vancouver. At December 31st this company had shipped 49,000,000 feet of the order, and had been able to take care of considerable new overseas business besides.

In May Sir James Ball, British Government Timber Controller, and Montagu Meyer, British Government Timber Buyer, visited this Coast and were provided every possible opportunity to study logging and lumber-manufacturing methods here at first hand, as well as to view areas of British Columbia's standing timber. The members of the Imperial press party accompanying His Royal Highness the Prince of Wales were accorded a similar opportunity in September.

Water-borne Export of Manufactured Lumber.

Water-borne export of lumber from British Columbia in 1919 is shown in the appended table. It will be noted that the total shows an increase of 17,000,000 feet over the previous year, largely due to increased business with the United Kingdom.

Destination.	Amounts.		
	1917.	1918.	1919.
	Feet B.M.	Feet B.M.	Feet B.M.
Australia	16,309,307	6,434,145	8,515,600
New Zealand	122,984	55,960	.....
South America	2,616,652	2,464,121	1,551,574
China	1,672,871	17,024,536	17,183,430
Japan	1,590,246	19,803,335	4,675,730
South Sea Islands	1,610,715	2,564,064	.....
United Kingdom and Continent	13,447,649	31,275,399	65,381,100
South Africa	5,022,828	6,434,299	5,044,672
California	.....	2,013,168	.....
India	1,529,014	.....	.....
United States	.....	.....	5,259,346
Manila	.....	.....	785,726
Straits Settlements	.....	.....	475,088
Totals	43,922,563	88,069,029	108,872,266

Domestic Market.

To assist in developing trade in Eastern Canada a branch office was opened in Toronto in June, with a Commissioner in charge. Difficulty was experienced in procuring suitable premises, but a lease of ground-floor offices on Adelaide Street East, Toronto, has now been secured and a suitable display of British Columbia woods is being installed.

Development-work is being carried on amongst engineers, architects, contractors, wood-product manufacturers, manual-training schools, etc., with a view to increasing the demand for British Columbia woods.

An exhibit of British Columbia woods and wood products was made at the Canadian National Exhibition, Toronto, in August and September. The display was viewed by over 2,000,000 people, attracted great attention, brought many inquiries, and was awarded the gold medal and diploma of the Canadian National Exhibition Association.

A survey of conditions in the Prairie Provinces was made during the summer and publicity work carried on there by means of booklets distributed amongst the farmers; 60,000 of these booklets were published and splendid assistance was rendered by the Agricultural Branch of the University of Saskatchewan in distributing these from its "Better-farming Trains."

PUBLICITY.

Besides the above-mentioned booklets, 20,000 pamphlets descriptive of British Columbia woods and wood products were specially prepared for and distributed at the National Exhibition, Toronto, while advertising in connection with the exhibit and to draw attention to the opening of the Toronto office was carried in trade journals in Eastern Canada.

A campaign to advertise British Columbia red cedar shingles throughout the Prairies and Eastern Canada was inaugurated jointly with the manufacturers and is now being carried on in the daily and weekly press and trade journals.

MARKET NOTES.

After a lull in building operations during the war years, the beginning of 1919 found the whole world hungry for lumber, but the industrial and shipping situation still suffering from war effects.

After an uncertain opening the domestic market developed briskly, but was checked sharply by labour troubles in the Prairie and Eastern cities, while prospective crop shortage in Alberta and Saskatchewan also brought cancellation of considerable business placed earlier in the year.

Fortunately, the United States market developed strongly and American manufacturers found themselves unable to cope with the demand, so that British Columbia stocks were readily absorbed.

As the year advanced the general demand broadened rapidly until the market developed "auction" conditions, with the buyer practically setting the price. This condition still obtains and everything points to an extremely heavy demand for some considerable time. Labour difficulties in the woods have retarded output to a considerable extent, while an acute car shortage has interfered with deliveries.

It is gratifying to note that the manufacturers are actively supporting trade-extension work in the East. The Interior mills shipped 38,000,000 feet of lumber to Eastern Canada, as against 20,000,000 feet the previous year. At this date the figures from the Coast mills have not yet come to hand.

FOREST PRODUCTION.

The total value of the forest products of British Columbia for the year 1919 is placed at $70,285,094, as against $54,162,523 in 1918, $48,300,469 in 1917, and $35,528,000 in 1916.

The largest increase is in shingles, which show a value of $12,801,564, as against $5,805,417 in 1918. The value of the lumber cut is nearly $5,000,000 more than the previous year, while pulp and paper show a gain of over $2,000,000.

Each item shows a considerable increase over the previous year, and the mining, railroad, and general industrial development of the Province is reflected in the gains made.

ESTIMATED VALUE OF PRODUCTION.

Product.	1916.	1917.	1918.	1919.
Lumber	$21,075,000	$28,225,000	$26,219,697	$31,000,000
Pulp and paper	3,520,000	6,835,034	10,517,250	12,554,257
Shingles	4,500,000	6,900,000	5,805,417	12,801,564
Boxes	1,833,000	1,611,880	1,845,195	2,142,000
Piles and poles	650,000	467,695	394,871	769,962
Mining-props and poles	1,000,000	546,883	692,547	762,486
Miscellaneous (cut by railroads, mines, etc.)	1,150,000	1,425,815	1,773,821	5,256,520
Ties	*	*	*	2,091,346
Additional value contributed by the wood-using industry	1,650,000	2,145,880	1,689,810	1,720,000
Product of Dominion lands	*	*	4,953,829	*
Laths	150,000	142,282	120,278	195,594
Logs exported	.....	.....	148,808	991,365
Totals	$35,528,000	$48,300,469	$54,162,523	$70,285,094

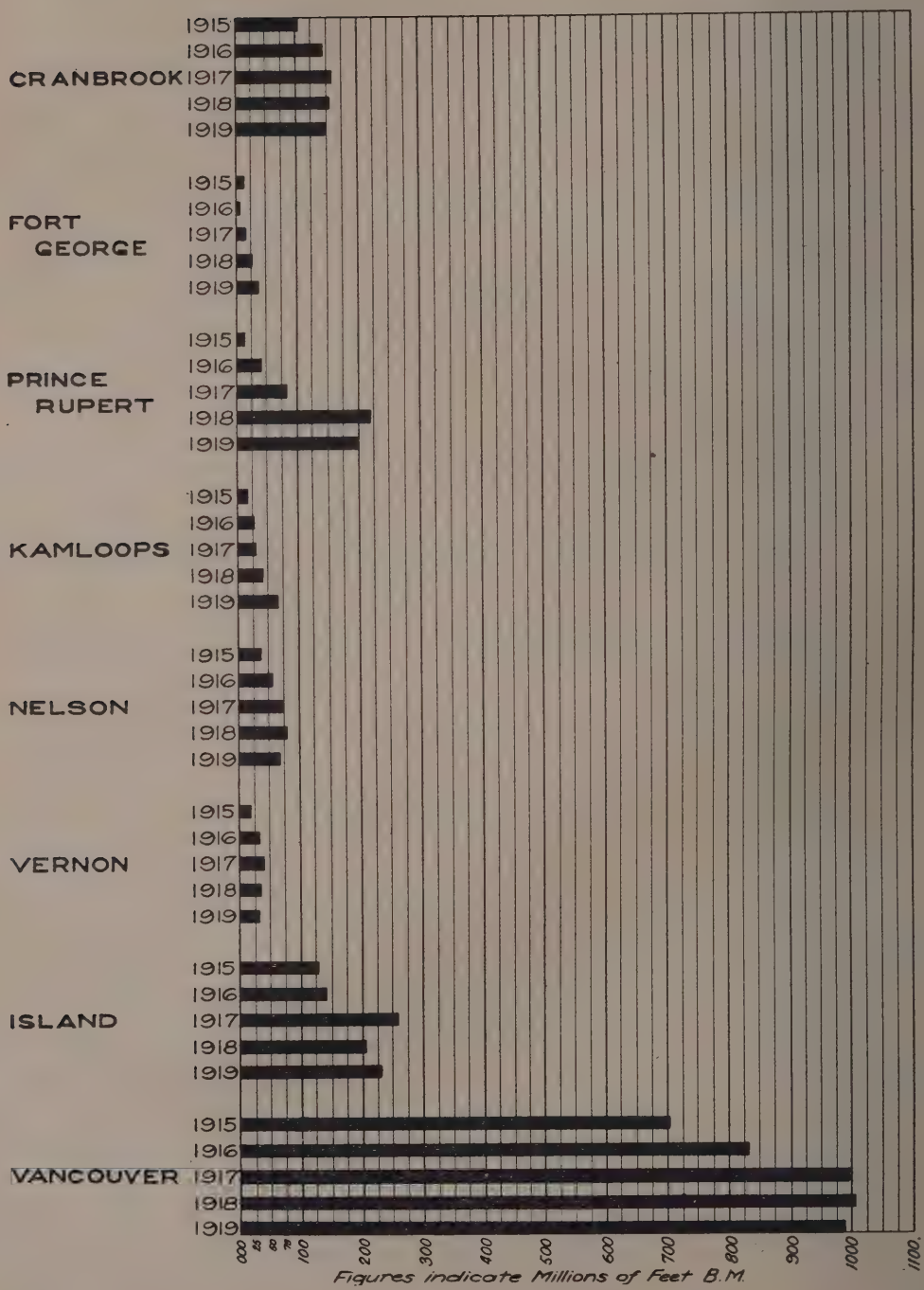
* Included in other items.

TIMBER SCALED IN 1919 (BY MONTHS AND DISTRICTS).

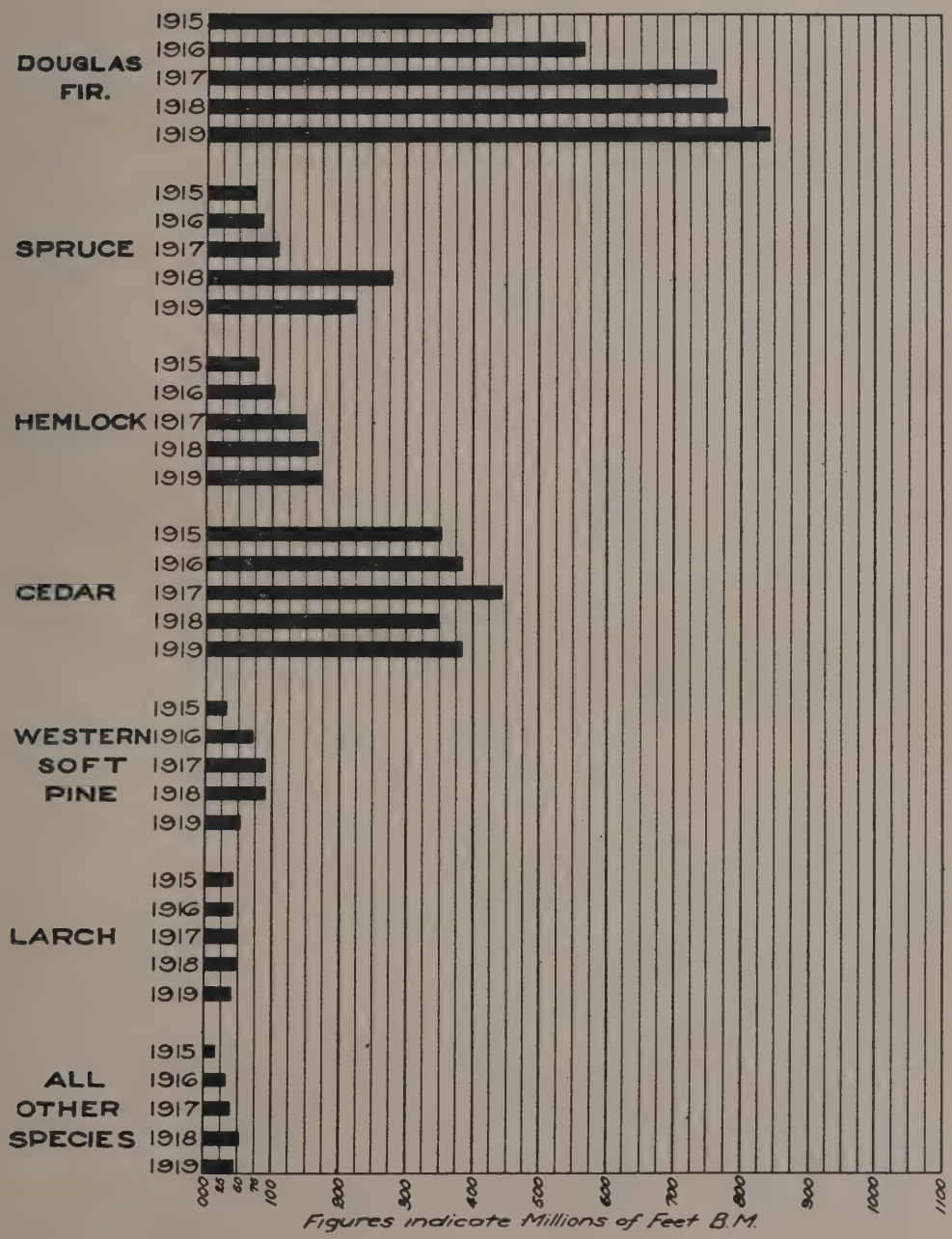
		Cranbrook.	Fort George.	Kamloops.	Nelson.	Vernon.	Island.	Prince Rupert.	Vancouver.	Total M.B.M.	Total Lineal Feet, Thds.	Total Cords.	Total Ties.
January	logs, M.B.M.	2,520	1,302	1,928	577	2,138	9,670	33,011	47,558	98,704	.....	.....	.....
"	lineal ft., thds.	8	.....	7	197	82	.....	8	25	.....	327	.....	.....
"	cords	2,088	208	32	1,236	58	96	85	8,776	.....	.....	12,579	.....
"	ties	1,519	.....	74,242	5,692	.....	.....	.....	25,468	.....	.....	.....	106,921
February	logs, M.B.M.	3,157	1,723	3,077	1,391	1,822	9,448	10,991	51,714	83,323	.....	.....	.....
"	lineal ft., thds.	33	.....	.....	56	36	51	.....	230	.....	406	.....	.....
"	cords	2,082	128	25	2,845	30	283	15	8,421	.....	.....	13,829	.....
"	ties	27,436	5,469	57,771	17,038	1,867	.....	.....	9,728	.....	.....	.....	119,309
March	logs, M.B.M.	7,705	3,821	2,428	1,217	2,541	23,562	39,151	56,915	137,340	.....	.....	.....
"	lineal ft., thds.	37	.....	.....	85	32	12	.....	116	.....	282	.....	.....
"	cords	6,425	128	48	2,238	172	371	.....	6,499	.....	.....	15,881	.....
"	ties	39,428	.....	99,565	33,000	3,598	.....	.....	8,701	.....	.....	.....	184,292
April	logs, M.B.M.	6,957	1,996	2,374	504	5,069	12,550	12,281	64,325	106,056	.....	.....	.....
"	lineal ft., thds.	85	.....	12	62	19	2,969	7	169	.....	3,323	.....	.....
"	cords	2,763	.....	245	2,679	26	299	150	16,956	.....	.....	23,118	.....
"	ties	58,657	.....	166,476	22,489	2,004	.....	.....	.....	.....	.....	.....	249,626
May	logs, M.B.M.	8,482	1,743	5,102	672	2,914	21,321	10,321	72,157	122,712	.....	.....	.....
"	lineal ft., thds.	3	.....	11	239	37	147	41	143	.....	621	.....	.....
"	cords	2,610	.....	458	1,916	80	2,134	518	17,034	.....	.....	24,750	.....
"	ties	27,802	13,090	95,486	22,398	1,842	.....	115,317	.....	.....	.....	.....	275,935
June	logs, M.B.M.	17,679	3,041	3,856	2,090	1,971	20,874	11,833	91,108	152,452	.....	.....	.....
"	lineal ft., thds.	72	.....	.....	130	11	466	20	355	.....	1,054	.....	.....
"	cords	5,983	160	310	2,012	.....	393	100	18,581	.....	.....	27,539	.....
"	ties	225,297	.....	76,601	29,054	1,151	.....	.....	59,543	.....	.....	.....	391,646
July	logs, M.B.M.	7,194	1,902	3,697	5,373	1,737	15,691	5,396	81,907	122,897	.....	.....	.....
"	lineal ft., thds.	85	.....	54	76	.....	2,300	12	42	.....	2,569	.....	.....
"	cords	712	47	.....	3,612	.....	300	.....	21,250	.....	.....	25,921	.....
"	ties	239,162	.....	32,731	13,596	1,208	.....	.....	.....	.....	.....	.....	286,697
August	logs, M.B.M.	14,873	2,805	2,919	5,145	1,190	24,738	17,224	111,825	180,719	.....	.....	.....
"	lineal ft., thds.	47	14	30	496	.....	51	48	323	.....	1,009	.....	.....
"	cords	1,970	16	.....	2,878	.....	1,031	1,233	18,068	.....	.....	25,196	.....
"	ties	156,563	.....	59,724	28,789	.....	21,025	.....	4,200	.....	.....	.....	270,301
September	logs, M.B.M.	9,586	4,346	3,998	3,418	3,667	11,098	9,760	77,740	123,613	.....	.....	.....
"	lineal ft., thds.	24	.....	65	136	7	260	.....	154	.....	646	.....	.....
"	cords	1,534	.....	275	1,893	.....	451	.....	17,951	.....	.....	22,104	.....
"	ties	47,513	.....	19,772	6,238	5,656	.....	.....	96,377	.....	.....	.....	175,556
October	logs, M.B.M.	8,153	4,496	410	1,880	1,100	15,912	7,635	74,685	114,271	.....	.....	.....
"	lineal ft., thds.	13	.....	64	683	75	41	20	20	.....	916	.....	.....
"	cords	1,320	.....	3,771	2,733	64	543	212	11,657	.....	.....	20,300	.....
"	ties	52,619	29,908	14,104	8,429	2,800	.....	.....	16,170	.....	.....	.....	124,030
November	logs, M.B.M.	6,375	2,493	4,096	5,021	2,687	16,878	17,845	67,937	123,332	.....	.....	.....
"	lineal ft., thds.	88	.....	165	473	.....	509	56	121	.....	1,412	.....	.....
"	cords	2,980	16	.....	3,646	.....	562	397	23,463	.....	.....	31,064	.....
"	ties	29,839	.....	38,956	41,555	312	.....	.....	62,176	.....	.....	.....	172,838
December	logs, M.B.M.	4,277	3,465	1,466	2,964	3,471	11,622	14,677	75,971	117,913	.....	.....	.....
"	lineal ft., thds.	70	5	90	580	109	41	16	44	.....	955	.....	.....
"	cords	2,326	814	176	3,121	322	.....	100	14,298	.....	.....	21,157	.....
"	ties	16,638	.....	38,645	9,274	.....	.....	.....	.....	.....	.....	.....	6,455
Total	logs, M.B.M.	96,958	33,133	35,351	30,252	30,307	193,364	190,125	873,842	1,483,332	.....	.....	.....
"	lineal ft., thds.	565	19	498	3,213	408	6,847	228	1,742	.....	13,520	.....	.....
"	cords	32,793	1,517	5,340	30,809	752	6,463	2,810	182,954	.....	.....	263,438	.....
"	ties	922,473	48,467	774,073	237,552	20,438	21,025	115,317	282,363	.....	.....	.....	1,421,708

Total, 1,758,329 M.B.M.

TIMBER SCALED
BY
DISTRICTS



SPECIES CUT


DOUGLAS FIR.
SPRUCE
HEMLOCK
CEDAR
WESTERN SOFT PINE
LARCH
ALL OTHER SPECIES
1915
1916
1917
1918
1919
000
25
50
75
100
200
300
400
500
600
700
800
900
1000
1100
Figures indicate Millions of Feet B.M.

SPECIES CUT, 1919.

Forest District.	Douglas Fir, M.B.M.	Red Cedar, M.B.M.	Spruce, M.B.M.	Hemlock, M.B.M.	Balsam Fir, M.B.M.	Yellow Pine, M.B.M.	White Pine, M.B.M.	Jack-pine, M.B.M.	Larch, M.B.M.	Cottonwood, M.B.M.	Other Species, M.B.M.	Total, M.B.M.
Cranbrook	76,145	1,691	8,137	2,994	99	28,058	1,115	910	25,692	160	....	145,001
Prince George	519	1,051	27,198	30	4,706	.....	.....	1,945	.....	26	24	35,499
Kamloops	45,926	11,806	5,371	282	221	853	243	.....	.....	.....	....	64,702
Nelson	10,191	34,380	283	12,038	78	746	4,292	.....	6,901	237	....	69,146
Vernon	13,312	1,435	599	.....	1,558	12,275	59	.....	4,122	.....	....	33,360
Totals, Interior	146,093	50,363	41,588	15,344	6,662	41,932	5,709	2,855	36,715	423	24	347,708
Island	178,139	13,973	13,658	24,453	954	.....	313	.....	.....	.....	....	231,490
Prince Rupert	8,139	18,892	138,904	20,269	10,052	.....	.....	.....	.....	23	....	196,279
Vancouver	509,234	303,410	27,863	114,507	21,068	.....	3,549	.....	.....	3,190	31	982,852
Totals, Coast	695,512	336,275	180,425	159,229	32,074	.....	3,862	.....	.....	3,213	31	1,410,621
Grand totals, 1919	841,605	386,638	222,013	174,573	38,736	41,932	9,571	2,855	36,715	3,636	55	1,758,329
Grand totals, 1918	777,554	349,953	276,569	169,792	45,398	70,547	14,868	4,828	45,617	5,708	350	1,761,184

A comparison of the timber scaled in the various districts in 1918 with that scaled in 1919 is shown in the appended table. The changes apparent are due to a variety of causes, but the factors having the greatest influence are the impetus given to the industry generally by the termination of the war and the cessation of the need for cutting spruce for aeroplane-construction.

The aeroplane-spruce boom caused an abnormal cut on the Coast in 1918 and did not influence the Interior.

The post-war revival affected the whole Province equally, but is only apparent in the figures for the Interior.

Had there been no spruce boom there would have been a large increase over 1918 instead of a very slight decrease as the net result for the whole Province.

TOTAL AMOUNTS TIMBER SCALED IN BRITISH COLUMBIA FOR YEARS 1918-19 (COMPARATIVE STATEMENT IN BOARD-FEET).

Forest District.	1918.	1919.	Loss.	Gain.	Net Loss.	Net Gain.
Cranbrook	151,828,052	145,000,382	6,827,670	.....	.....	.....
Prince George	26,884,415	35,499,396	.....	8,614,981	.....	.....
Kamloops	39,632,017	64,702,843	.....	25,070,826	.....	.....
Nelson	77,855,990	69,146,113	8,709,877	.....	.....	.....
Vernon	34,278,502	33,359,933	918,569	.....	.....	.....
Totals, Interior	330,478,976	347,708,667	16,456,116	33,685,807	.....	17,229,691
Island	206,530,935	231,489,532	.....	24,958,597	.....	.....
Prince Rupert	217,531,272	196,279,614	21,251,658	.....	.....	.....
Vancouver	1,006,643,223	982,852,182	23,791,041	.....	.....	.....
Totals, Coast	1,430,705,430	1,410,621,328	45,042,699	24,958,597	20,084,102	.....
Totals, for B.C.	1,761,184,406	1,758,329,995	.....	.....	2,854,411	.....

TIMBER-SALES.

TIMBER-SALES AWARDED BY DISTRICTS, 1919.

Forest District.	No. of Sales.	Area in Acres.	Saw-timber (Ft. B.M.).	Poles and Piles (Lineal Feet).	No. of Posts.	Shingle-bolts and Cordwood (No. of Cords).	No. of Railway-ties.	Estimated Revenue.
Cranbrook	28	6,192	12,254,000	44,750	....	4,538	78,200	$ 36,285 72
Fort George	26	2,800	56,499,000	.....	....	1,987	90,370	134,650 33
Kamloops	65	16,744	16,123,000	1,083,110	5,000	1,546	391,986	82,935 63
Nelson	26	3,159	12,553,400	1,568,800	....	1,995	57,000	40,228 20
Prince Rupert	68	12,607	48,633,000	131,560	....	.....	326,656	133,596 98
Vancouver and Island	120	15,410	88,824,500	45,030	....	40,563	8,000	223,166 21
Vernon	23	4,897	10,322,400	25,750	....	1,928	5,592	23,509 92
Totals, 1919	356	61,809	245,209,300	2,899,000	5,000	52,557	957,804	$ 654,372 99
Totals, 1918	227	34,257	159,659,000	378,080	20,000	18,478	701,654	$ 380,408 33
Totals, 1917	255	44,914	240,307,057	1,517,450	40,000	43,756	381,200	$ 483,281 50
Totals, 1916	133	23,318	136,345,000	435,910	....	26,666	92,000	$ 259,769 12

AVERAGE SALE PRICE BY SPECIES.

Saw-timber.	Board-feet.	Price per M.
Douglas fir	57,456,450	$1 48
Cedar	55,655,350	1 54
Spruce	9,151,000	1 56
Hemlock	28,836,200	73
Balsam fir	17,296,000	82
White pine	2,257,500	1 63
Western soft pine	7,479,900	1 50
Tamarack	3,019,400	1 55
Other species	4,057,500	1 18
Totals	245,209,300	$1 38

TIMBER CUT FROM TIMBER-SALES.

A comparison of the timber actually cut from sales has shown a steady increase up to the year 1919. In this year Cranbrook shows a considerable decrease, which affects the Provincial total. Unfavourable conditions in the winter prevented the removal of logs from the sale areas, so that the cut from sales was less than 2 per cent. of the total cut of the district.

TIMBER CUT FROM TIMBER-SALES DURING 1919.

Forest District.	Feet B.M.	Lineal Feet.	Cords.	Ties.
Cranbrook	2,142,752	66,686	1,303	52,190
Fort George	6,050,699	.....	159	.....
Kamloops	7,805,308	254,270	476	229,405
Nelson	725,826	176,753	208	14,677
Prince Rupert	25,769,240	9,993	337	277,014
Vancouver	60,489,398	138,732	9,151	.....
Vernon	4,718,227	26,265	574	.....
Totals, 1919	107,701,950	672,699	12,208	573,286
Totals, 1918	113,927,610	499,589	15,539	146,807
Totals, 1917	99,078,832	545,429	14,862	34,937
Totals, 1916	63,055,102	225,799	8,425	.....

SAW AND SHINGLE MILLS OF THE PROVINCE, 1919.

Forest District.	SAWMILLS.		SHINGLE-MILLS.		SAWMILLS.		SHINGLE-MILLS.		SAWMILLS.		SHINGLE-MILLS.	
	No.	Operating, Estimated Daily Capacity, F.B.M.	No.	Operating, Estimated Daily Capacity, Shingles.	No.	Shut down, Estimated Daily Capacity, F.B.M.	No.	Shut down, Estimated Daily Capacity, Shingles.	No.	Under Construction, Estimated Daily Capacity, F.B.M.	No.	Under Construction, Estimated Daily Capacity, Shingles.
Cranbrook	27	959,000	..	.....	3	85,000	..	.....	2	40,000	..	.....
Kamloops	8	265,000	1	120,000	4	145,000	..	.....	..	.....	..	.....
Nelson	25	600,000	8	890,000	10	278,000	1	50,000	..	.....	..	.....
Prince George	16	347,000	1	25,000	3	155,000	..	.....	..	.....	..	.....
Prince Rupert	18	682,000	1	500,000	4	115,000	..	.....	5	42,000	1	50,000
Vancouver (including Island)	111	5,470,000	60	9,835,000	17	600,000	1	150,000	10	345,000	1	100,000
Vernon	16	450,000	..	.....	..	.....	..	.....	1	10,000	..	.....
Totals	221	8,765,000	71	11,370,000	41	1,378,000	2	200,000	18	437,000	2	150,000

LOGGING INSPECTION.

The decrease in the number of inspections made in 1919 from that made in 1918 is the direct result of the severe fire season which the Province experienced. In nearly all districts the staff was very fully occupied with fighting fires throughout the greater part of the summer.

LOGGING INSPECTION, 1919.

Forest District.	Timber-sales.	Hand-loggers' Licences.	Leases, Licences, Crown Grants, and Pre-emptions.	Total Operations.	No. of Inspections.
Cranbrook	25	....	54	79	157
Fort George	30	....	29	59	59
Kamloops and Lillooet	67	....	109	176	299
Nelson	21	....	103	124	170
Prince Rupert	33	65	53	151	251
Vancouver and Island	159	135	377	671	891
Vernon	30	....	32	62	57
Totals, 1919	365	200	757	1,322	1,884
Totals, 1918	338	171	870	1,429	2,214
Totals, 1917	236	141	606	983	1,161

TRESPASS.

The number of cases and the quantity of material removed in trespass increased very considerably in 1919.

While the number of cases on the Coast has declined, owing largely to the cessation of aeroplane spruce-cutting permits, the number in the Interior has increased very largely, notably in Kamloops. This was caused, firstly, by the large number of small tie-cutting operations there, and, secondly, by the increased inspection activity of the field staff.

The great increase on the Coast in quantity and value was caused by one or two large cases and does not indicate an increased tendency to trespass.

TRESPASS, 1919.

Forest District.	No. of Cases.	Area cut over (Acres).	Quantity cut.				No. of Resulting Seizures.	Amount.
			Feet B.M.	Lineal Feet.	Cords.	Ties.		
Cranbrook	4	68	256,958	.....	68	4,443	4	$ 907 21
Fort George	2	58	890,954	.....	..	.....	1	3,744 50
Kamloops and Lillooet	47	1,860	777,555	6,355	..	80,883	..	1,429 10
Nelson	10	135	172,596	40,326	16	1,794	..	828 38
Prince Rupert	5	273	8,950,223	2,179	..	.....	..	10,643 54
Vancouver and Island	19	60	1,660,079	.....	4	.....	3	4,177 39
Vernon	..	...	.....	.....	..	.....	..	.....
Totals, 1919	87	2,454	12,708,365	48,860	88	87,120	8	$21,730 12
Totals, 1918	57	412	5,477,955	39,676	305	454	8	$2,178 98
Totals, 1917	36	348	4,523,088	36,677	217	907	6	$2,245 43

LAND CLASSIFICATION.

STATUS OF AREAS EXAMINED, 1919.

Forest District.	Lots.		Expired Timber Licences.		Pre-emption Records.		Applications to Purchase.		Miscellaneous.	
	No.	Acres.	No.	Acres.	No.	Acres.	No.	Acres.	No.	Acres.
Cranbrook	23	2,170	5	3,200	25	3,500	6	560	..	.....
Prince George	56	7,250	..	.....	141	21,201	12	1,070	44	7,040
Kamloops	5	840	..	.....	211	29,540	..	.....	39	4,290
Nelson	15	2,250	4	2,520	14	1,878	4	460	..	.....
Prince Rupert	1	160	1	320	247	32,264	19	4,007	22	4,648
Vancouver and Island	65	3,250	5	3,000	45	5,029	9	980	10	166
Vernon	45	7,973	..	.....	10	1,618	..	.....	..	3,374
Totals	210	23,893	15	9,040	693	95,030	50	7,077	115	19,518

CLASSIFICATION OF AREAS EXAMINED, 1919.

Forest District.	Total Area.	Agricultural Land.	Area recommended for Reserve.	Estimate of Timber on Total Area (M.B.M.).
Cranbrook	9,430	2,450	300	3,150,000
Prince George	36,561	20,780	3,342	31,877,000
Kamloops	34,670	21,400	.....	27,640,942
Nelson	7,108	795	240	2,360,415
Prince Rupert	41,399	15,655	.....	7,800,000
Vancouver and Island	12,425	4,815	1,926	22,098,326
Vernon	12,965	2,365	1,210	15,393,000
Totals	154,558	68,290	7,018	110,319,683

PULP AND PAPER.

The pulp and paper industry again shows a considerable increase in the volume and value of business done, compared with the previous year. The output was as follows:—

	1918. Tons.	1919. Tons.
Pulp—		
Sulphite	66,054	80,047
Sulphate	12,188	9,473
Ground wood	91,145	99,769
Paper—		
Newsprint	112,206	123,607
Wrapping	8,277	7,202

Some 33,147 tons of sulphite and all of the sulphate and ground wood-pulp was manufactured into paper in this Province. The total value of the pulp and paper sold was $12,554,257, as against $10,517,250 the previous year.

TIMBER EXPORTS.

EXPORT OF LOGS, 1919.

Species.	Grade No. 1.	Grade No. 2.	Grade No. 3.	Ungraded.	Total, 1919.	Total, 1918.
Cedar	4,675,560	9,609,354	3,428,083	.....	17,712,997	4,620,160
Fir	2,790,702	8,285,850	980,526	67,021	12,124,099	3,123,378
Spruce	35,212	396,834	149,505	.....	581,551	9,129
Hemlock	.....	.....	.....	12,405,329	12,405,329	3,823,200
Larch	.....	.....	.....	1,049,103	1,049,103	26,469
Other species	.....	.....	.....	397,864	397,864	5,931
Totals, 1919	7,501,474	18,292,038	4,558,114	13,919,317	44,270,943	.....
Totals, 1918	454.199	3,900,135	3,398,333	3,855,600	.....	11,608,267

EXPORT OF POLES, PILING, PROPS, TIES, FENCE-POSTS, AND WOOD, 1919.

Forest District.	Quantity exported.	Approximate Value F.O.B.	Where marketed.	
			United States.	Canada.
Cranbrook—				
Cordwood	Cords, 1,603	$ 8,015	.....	1,603
Fence-posts	Cords, 11,549	115,490	144	11,405
Mining-props	Cords, 8,589	85,890	.....	8,589
Poles and piling	Lin. ft., 521,244	52,124	52,315	468,929
Mining-ties	Cords, 52	416	.....	52
Railway-ties	No., 850,349	425,175	.....	850,349
Prince George—				
Fence-posts	Cords, 656	4,436	.....	656
Poles and piling	Lin. ft., 5,000	450	.....	5,000
Island and Vancouver—				
Poles and piling	Lin. ft., 668,824	60,194	668,824	.....
Kamloops—				
Poles and piling	Lin. ft., 352,513	24,676	.....	352,513
Fence-posts	Cords, 1,271	11,439	.....	1,271
Shingle-bolts	Cords, 200	3,000	.....	200
Railway-ties	No., 106,147	53,075	.....	106,147
Nelson—				
Poles and piling	Lin. ft., 2,306,357	199,171	712,579	1,593,778
Fence-posts	Cords, 16,454	140,722	6,112	10,342
Vernon—				
Railway-ties	No., 1,388	700	1,388	.....
Total, 1919	.....	$1,184,973	.....	.....
Total, 1918	.....	$647,246	.....	.....

FOREST RECORDS.

FOREST REVENUE.

	12 Months to Dec. 1919.	12 Months to Dec., 1918.	12 Months to Dec., 1917.	12 Months to Dec., 1916.	12 Months to Dec., 1915.	12 Months to Dec., 1914.
Timber-licence rentals....	$1,236,530 41	$1,372,789 28	$1,074,129 07	$1,138,879 22	$1,140,656 53	$1,555,980 28
Trespass penalty.....	7,464 12	1,599 38	3,207 32	893 39	3,520 54	7,170 95
Royalty and tax.....	788,746 69	698,059 27	785,543 42	456,863 29	351,310 12	391,118 36
Timber-lease rentals.....	85,101 37	77,748 25	76,426 74	77,040 59	120,132 35	88,792 08
Scaling fees.....	64,571 19	56,304 90	62,381 50	32,590 20	27,893 16	30,472 32
Scaling expenses.....	13,072 79	9,753 29	6,055 74	3,158 71	2,564 71	1,803 82
Seizure expenses.....	280 12	2,813 82	507 11	1,364 84	85 71	270 90
Licence penalty.....	49,259 95	79,605 09	11,928 01	28,524 00	16,692 69	25,335 00
Timber stumpage.....	219,012 08	151,598 86	113,498 13	68,779 87	67,250 42	36,545 33
Transfer fees	2,790 00	4,625 00	4,070 00	3,670 00	4,400 00	7,085 00
Hand-loggers' licence fees	7,250 00	2,975 00	9,700 00	7,100 00	5,550 00	5,200 00
Interest.....	345 10	69 67	68 04	100 09	1,117 81	115 13
Timber-mark fees.....	.....	.....	.....	.....	137 00	508 50
Timber-sales rentals	10,045 26	7,753 84	9,457 72	5,235 35	3,830 89	3,477 87
Timber-sales cruising....	3,763 49	1,921 73	2,687 03	1,148 74	2,183 42	1,550 83
Timber-sales advertising..	1,929 71	1,152 40	1,183 35	391 89	532 71	534 05
Scalers' examination fees.	205 00	315 00	295 00	225 00	60 00	425 00
Copies of documents.....	1,055 67	1,980 70	561 53	401 80	128 00	569 57
Exchange.....	3,550 80	1,637 91	470 61	45 22	17 33	61 96
General miscellaneous ..	.....	.....	.....	.....	.....	.....
	$2,494,973 75	$2,472,703 39	$2,162,170 32	$1,826,412 20	$1,748,063 40	$2,157,018 95
Grazing fees.....	9,500 41	.....	.....	.....	.....	.....
Taxation from Crown-grant timber lands	251,264 82	258,105 14	176,163 20	179,528 56	174,495 00	185,661 00
Total revenue from forest sources....	$2,755,738 98	$2,730,808 53	$2,338,333 52	$2,005,940 76	$1,922,558 40	$2,342,679 95

Revenue from Logging Operations, 1919.

(Amounts charged.)

Forest District.	Royalty and Tax.	Scaling Fees.	Trespass Penalties.	Seizure Expenses.	Scaling Expenses.	Stumpage.	Totals.
Vancouver	$359,766 01	$39,910 05	$3,053 12	$ 189 00	$ 5,335 78	$87,718 18	$495,972 14
Island.....	49,952 33	8,951 93	100 00	.....	1,095 60	.....	60,099 86
Cranbrook	72,340 52	16 50	4,779 71	.....	18 40	7,811 14	81,966 27
Prince Rupert.....	149,079 97	12,696 73	3,432 48	....	5,587 90	26,472 32	197,269 40
Nelson.....	34,079 10	16 06	1,261 58	15 00	17 75	3,453 11	38,842 60
Vernon.....	14,583 75	.....	.....	.....	.....	5,749 09	20,332 84
Fort George.....	22,329 93	.....	3,851 00	21 80	.....	9,220 68	35,423 41
Kamloops.....	26,579 64	.....	1,405 68	24 72	.....	19,270 57	47,280 61
Totals	$728,711 25	$61,591 27	14,883 57	$ 250 52	$12,055 43	$159,695 09	$977,187 13

FOREST EXPENDITURE.

The sums voted for forest-work for the fiscal year 1919-20 were as follows:—

Vote 156—Salaries	$135,656 00
Vote 161—Travelling expenses	27,500 00
Vote 163—Lumber-trade extension	40,000 00
Total	$203,156 00

In addition to this total, sums were available from Vote 160 for temporary assistance, and from Vote 161 for office supplies, maintenance of launches and autos, and miscellaneous expenses. The sum of $120,000 was also voted as the estimated amount of the Government's contribution to the Forest Protection Fund.

General Administrative Expenditure.

(For Nine Months, April to December, inclusive.)

Forest Branch.	Vote No. 156: Salaries.	Vote No. 160: Temporary Assistance.	Vote No. 161: Expenses.	Total.
Headquarters	$25,509 69	$ 79 66	$17,126 07	$42,715 42
Cranbrook	6,252 98	48 00	2,118 09	8,419 07
Fort George	4,845 00	1,013 75	2,234 38	8,093 13
Island	8,575 89	.....	2,386 42	10,962 31
Kamloops	5,806 89	245 62	2,332 50	8,385 01
Nelson	4,850 00	.....	879 52	5,729 52
Prince Rupert	11,575 51	2,042 72	6,000 27	19,618 50
Vancouver	51,963 06	382 00	15,121 84	67,466 90
Vernon	4,241 66	56 00	1,075 28	5,372 94
Totals	$123,620 68	$3,867 75	$49,274 37	$176,762 80

FOREST PROTECTION FUND.

The statement appended will show the standing as at December 31st, 1919, of the above-named funds:—

Brought forward from 1917-18	$ 12,020 95	
Collections, fiscal year 1918-19	134,802 99	
Government's contribution	134,792 99	
		$281,616 93
Expenditure, fiscal year 1918-19	$246,237 22	
Less refunds	5,805 22	
		240,432 00
Balance to credit of fund		$ 41,184 93
Balance to credit of fund at April 1st, 1919	$ 41,184 93	
Collections, April to December, 1919 (nine months)	94,491 92	
Government's contribution, April to December, 1919 (nine months)	94,491 92	
		$230,168 77
Expenditure (nine months)	$369,280 50	
Less refunds (nine months)	4,949 89	
		364,330 61
Deficit on nine months' working		$134,161 84

Forest Protection Expenditure.

	Fiscal Years.						
	1913-14.	1914-15.	1915-16.	1916-17.	1917-18.	1918-19.	1919-20 (9 Mos., April 1st to Dec. 31st, 1919.)
Patrols	$217,093	$228,352	$157,432	$144,251 28	$100,304 87	$159,030 64	$184,199 37
Improvements	104,000	31,385	5,151	3,747 86	20,111 39	36,913 04	158,707 30
Fires	9,600	143,461	19,449	7,124 45	91,470 79	50,293 54	26,373 83
Totals	$330,693	$403,198	$182,032	$155,123 59	$211,887 05	$246,237 22	369,280 50

Expenditure by Districts for Nine Months ending December 31st, 1919.

Forest District.	Patrol.	Fires.	Improvements.	Total.
Cranbrook	$18,328 81	$56,906 98	$3,016 93	$78,252 72
Fort George	18,373 17	62 34	1,762 02	20,197 53
Island	14,643 05	8,283 35	3,136 40	26,062 80
Kamloops	16,869 02	1,726 47	858 45	19,453 94
Nelson	18,258 09	43,059 43	767 18	62,084 70
Prince Rupert	22,160 91	26 60	265 00	22,452 51
Vancouver	47,149 10	30,043 81	15,000 70	92,193 61
Vernon	14,514 18	18,598 32	1,567 15	34,679 65
Victoria	13,903 04	.....	.....	13,903 04
Totals	$184,199 37	$158,707 30	26,373 83	$369,280 50

Monthly Patrol Expenses, 1919.

Forest District.	April.	May.	June.	July.	Aug.	Sept.	Oct.-Dec.	Totals.
Cranbrook	$1,324 63	$2,045 78	$2,696 27	$4,893 26	$3,958 55	$2,825 99	$ 584 33	$18,328 81
Fort George	1,129 96	3,229 39	2,939 35	3,314 22	3,328 42	3,715 17	716 67	18,373 17
Island	980 36	2,930 51	1,029 35	2,905 65	3,352 38	2,981 99	462 81	14,643 05
Kamloops	1,143 04	3,280 12	2,683 48	3,370 66	3,437 06	2,701 52	253 14	16,869 02
Nelson	806 81	2,520 76	2,459 92	4,606 97	4,801 64	2,882 29	179 70	18,258 09
Prince Rupert	3,330 26	4,081 00	3,331 37	4,137 97	3,588 25	3,692 06	.....	22,160 91
Vancouver	4,927 14	8,294 17	7,534 64	8,122 53	7,380 62	8,383 49	2,506 51	47,149 10
Vernon	630 78	1,495 90	1,599 56	3,562 18	4,284 12	2,936 14	5 50	14,514 18
Victoria	1,909 82	755 24	2,075 45	3,577 42	1,700 51	1,179 97	2,704 63	13,903 04
Totals	$16,182 80	$28,632 87	26,349 39	$38,490 86	$35,831 55	$31,298 62	$7,413 29	$184,199 37

CROWN-GRANT TIMBER LANDS.

	Area of Private Timber Lands.	Average Value per Acre.
1911	824,814	$8 72
1912	874,715	8 60
1913	922,948	9 02
1914	960,464	9 66
1915	913,245	9 55
1916	922,206	9 73
1917	916,726	9 61
1918	896,188	9 60
1919	883,491	9 48

The extent and value of timber land in the various assessment districts are shown by the following table:—

Assessment District.	Acreage, 1919.	Increase or Decrease in Acreage over 1918.	Average Value per Acre.	Change in Value per Acre since 1918.
Alberni	43,977.80	+99.00	$21 49	+0.29
Comox	201,278.44	-10,524.80	12 98	+0.06
Cowichan	86,733.91	-1,091.10	14 83	-0.02
Fort Steele	83,587.56	-3,215.00	6 36	+0.08
Golden	79,003.00	+977.00	3 96	+0.10
Kettle River	4,475.05	-619.05	3 00	No change.
Nanaimo	85,532.22	+7,055.82	14 91	+3.34
Nelson	172,604.90	-309.54	3 32	-0.37
Revelstoke	48,598.43	No change.	5 98	-5.76
Rossland	16,672.97	-769.00	3 66	+0.09
Slocan	44,421.56	0.63	5 06	No change.
Vancouver	2,660.00	-4,000.00	25 00	+10.34
Vernon	.....	.....	.....	.....
Victoria	13,946.00	-300.40	14 10	+0.65
Totals	883,491.84	-12,697.70	$9 48	-0.12

TIMBER-MARKS.

	1918.	1919.
Old Crown grants	74	34
Crown grants, 1887-1906	64	44
Crown grants, 1906-1914	64	44
"Royalty Act, 1914"	178	137
Timber leases	16	9
Sixteen-year timber licences	..	..
Timber-sales	226	341
Dominion lands	39	24
Hand-loggers' licences	29	99
Hand-loggers' spruce permits	113	..

	1918.	1919.
Stumpage reservations	..	5
Special marks	..	1
Totals	803	738
Transfers and changes of marks	142	236
Hand-loggers' licences issued	112	306

CORRESPONDENCE.

Year 1919: Outgoing mail, 14,200; incoming mail, 27,400.

OPERATION OFFICE.

The fire season of 1919 was one of exceptional hazard not only throughout British Columbia, but throughout the Dominion and the United States. Quite early in the fire season the forest-protection force was actively engaged in fire-fighting; the most serious situation being found in the Southern Interior.

Before the opening of the fire season all mills operating with open burners were inspected by the field force, and the owners notified of the equipment necessary to make the operation safe and to comply with the provisions of the "Forest Act." Throughout the Province approximately 156 mills were inspected, and in many cases points in which the mill was deficient in proper fire safeguards were found. These mill-owners were notified that, before they could be allowed to operate during the fire season, deficiencies had to be made good and a permit obtained to operate. The result of this supervision was a marked decrease in the number of fires starting from open mill-burners.

During the fire season publicity was given to the danger from forest fires, and in every district of the Province newspapers carried the Department's notices and cartoons. These cartoons, published weekly during the height of the season, were designed to show pictorially the danger of forest fires, and the loss attendant thereon, to the logger, rancher, camper, and the general public.

The number of fires reported in the Province, excluding the Railway Belt, was 1,141. The number in 1918 was 910. The amount of green timber damaged by fires was 287,000,000 board-feet. The amount estimated to be salvable is 94,000,000, so that the net stumpage loss in feet measure is 193,000,000 board-feet.

The actual area over which patrol is maintained is 124,000,000 acres, divided into seven districts under District Foresters, with a regular force of Forest Supervisors, Forest Rangers, Assistant Forest Rangers, and in addition some temporary patrolmen. The Assistant Rangers are as a rule on duty only during the fire season and are on furlough in winter. The patrolmen are engaged during portions of the fire season only.

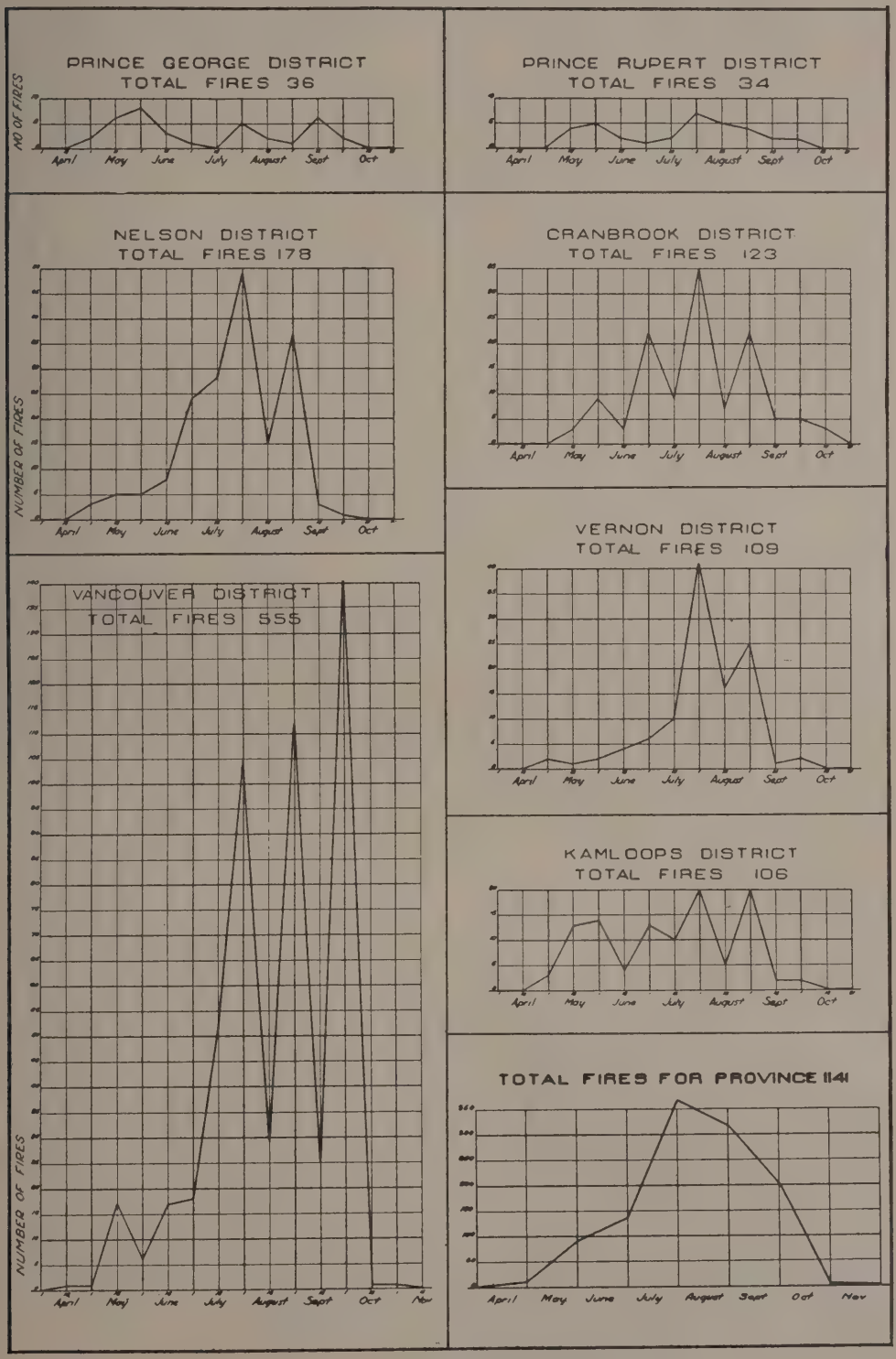
Appointments to the Ranger and Assistant Ranger positions are by examination; woods experience, surveying, fire-fighting, and general woods knowledge being taken into consideration. Practically every vacancy in these positions during the season 1919 was filled by a returned soldier. Modern fire-fighting equipment has been tried out, notably the portable forest-fire gas-engine pump, which proved to be of great value to the fire-fighter during the past season. During the coming year a greater number of these pumps will be placed in the hands of the field force. These will embody all the improvements suggested as a result of last year's trials and will be made in British Columbia.

The fire-fighting cost for the season is placed at $153,000. To this must be added the cost of patrol, trails, forest-fire pumps, cars, launches, and fire-fighting tools, bringing the grand total for this year to approximately $370,000.

When these figures are compared with past years, it will be noted that seasons of exceptional hazard occur every four or five years, 1914 and 1910 having also big fire loss. Following is a comparison of total costs for patrols, fires, and improvements:—

Summer.	Cost.
1913	$331,000
1914	403,000
1915	182,000
1916	155,000
1917	212,000
1918	229,000
1919	370,000

FIRE CHART FOR SEASON 1919


PRINCE GEORGE DISTRICT
TOTAL FIRES 36
NO OF FIRES
April May June July August Sept Oct
PRINCE RUPERT DISTRICT
TOTAL FIRES 34
April May June July August Sept Oct
NELSON DISTRICT
TOTAL FIRES 178
NUMBER OF FIRES
April May June July August Sept Oct
CRANBROOK DISTRICT
TOTAL FIRES 123
April May June July August Sept Oct
VERNON DISTRICT
TOTAL FIRES 109
April May June July August Sept Oct
VANCOUVER DISTRICT
TOTAL FIRES 555
NUMBER OF FIRES
April May June July August Sept Oct Nov
KAMLOOPS DISTRICT
TOTAL FIRES 106
April May June July August Sept Oct
TOTAL FIRES FOR PROVINCE 1141
April May June July August Sept Oct Nov

FOREST BRANCH ORGANIZATION.

DISTRIBUTION OF TOTAL FORCE, BRITISH COLUMBIA FOREST BRANCH.

Forest District.	Chief Forester.	Assistant Chief Forester.	Forester.	Assistant Foresters.	District Foresters.	Inspectors of Rangers.	Forest Assistants.	Accountants and Inspectors.	Office Clerks.	Scalers.	Rangers.	Launch Crews.	Assistant Rangers.	Patrolmen.	Packers and Canoemen.	Lookout-men.	Export Patrol Officer.	Railway Patrolmen.	Others.	Total.
Cranbrook	....	....	....	....	1	....	....	....	1	....	3	....	5	11	2	1	....	4	....	28
Kamloops	....	....	....	....	1	....	....	....	1	....	4	....	6	13	....	....	....	....	....	25
Nelson	....	....	....	....	1	....	....	....	1	....	4	....	7	16	....	....	....	....	....	29
Prince George	....	....	....	....	1	1	1	....	1	....	3	....	14	2	....	....	....	2	....	25
Prince Rupert	....	....	....	....	1	1	....	....	5	4	6	8	6	....	....	....	....	....	....	31
Vancouver	....	....	....	....	1	3	....	1	11	24	13	4	17	12	....	....	1	....	7	94
Vernon	....	....	....	....	1	....	....	....	1	....	3	....	5	12	....	1	....	....	....	23
Victoria	1	1	1	5	....	2	1	3	....	....	....	....	....	....	....	....	....	....	....	14

NOTE.—Victoria clerical staff combined. Land and Forest staff not shown separately.

DAMAGE CAUSED BY FOREST FIRES, 1919.

Table A.—Area Burned over and Damage to Forests.

Forest District.	Merchantable timber destroyed or damaged.				Valuable Second Growth.		Cut-over Land, Unmerchantable Timber, Old Burn, not restocking.			Grazing Range.		Grand Totals.					
	Area.	Quantity Total Loss.	Quantity salvable.	Damage.	Area.	Estimated Damage.	Area.	Quantity killed.	Damage to Standing Timber.	Area.	Damage.	Area.		Quantity.		Damage.	
	Acres.	M. Ft. B. M.	M. Ft. B. M.		Acres.		Acres.	M. Ft. B. M.		Acres.		Acres.	Per Cent.	M. Ft. B. M.	Per Cent.		Per Cent.
Cranbrook	31,376	135,795	72,520	$ 84,686	12,276	$12,007	110,971	.....	$ 15	9,042	$ 5 38	163,666	37.5	208,315	54.7	$ 97,246	24.7
Kamloops	3,147	10,667	.....	3,502	9,718	30,010	42,519	.....	.....	13,572	155 00	68,956	15.9	10,667	2.8	33,667	8.6
Nelson	17,675	109,457	2,115	150,341	7,441	42,435	47,911	.....	.....	5,421	135 00	18,449	18.1	111,572	29.2	192,911	49.0
Prince George	.....	35	.....	31	60	.....	765	.....	.....	218	4 00	1,047	0.3	35	0.1	36	0.1
Prince Rupert	6	44	.....	44	1	.....	1,683	.....	.....	347	.....	2,037	0.6	44	0.1	44	0.1
Vancouver	3,427	21,102	13,392	19,348	2,781	25,752	71,167	565	5,525	511	635 00	77,887	18.0	35,059	9.1	51,261	13.0
Vernon	4,110	8,855	5,532	4,396	8,700	12,582	18,196	1,000	750	10,745	286 00	41,753	9.6	15,387	4.0	18,015	4.5
Totals	59,746	285,955	93,559	$262,350	40,978	$122,787	293,214	1,565	$6,290	39,858	$1,755 00	433,797	100.0	381,079	100.0	$393,183	100.0
Per cent	13.8	75.0	24.6	66.7	9.4	31.2	67.6	0.4	1.6	9.2	0.5	100.0	.....	100.0	.....	100.0	.....
Totals, 1918	10,700	19,103	22,387	$28,771	11,989	$35,675	119,527	.....	$1,605	15,039	$427 50	155,340	100.0	41,490	100.0	$64,804	100.0
Per cent	6.88	46.05	53.95	44.4	7.71	55.05	76.9	.....	2.48	9.68	0.66	.....	.....	.....	.....	.....	.....
Totals, 1917	28,025	218,873	48,133	$103,218	16,225	$17,742	159,390	180.5	$220	33,647	$7,943 00	237,289	.....	267,186	.....	$129,124	.....
Per cent	11.8	81.92	18.02	79.95	6.8	13.74	67.2	0.06	0.16	14.2	6.15	100.0	.....	100.0	.....	.....	.....

Table B.—Damage to Property other than Forests.

Forest District.	Products in Process of Manufacture.	Buildings.	Railway and Logging Equipment.	Miscellaneous.	Totals.	Per Cent.
Cranbrook	$ 555 00	$ 25,050 00	$ 3,180 00	$ 750 00	$ 29,535 00	8.5
Kamloops	1,075 00	6,200 00	.....	281 00	7,556 00	2.2
Nelson	5,300 00	105,494 00	1,975 00	4,167 50	116,936 50	33.8
Prince George	100 00	.....	.....	.....	100 00	0.1
Prince Rupert	.....	.....	.....	.....	.....	*Nil.*
Vancouver	21,823 00	4,520 00	74,850 00	89,667 00	190,860 00	55.2
Vernon	140 00	150 00	.....	510 00	800 00	0.2
Totals	$28,993 00	$141,414 00	$80,005 00	93,375 50	345,787 50	100.0

Table C.—A Comparison of Damage caused by Forest Fires in the Last Seven Years.

	1919.	1918.	1917.	1916.	1915.	1914.	1913.
Total number of fires	1,141	910	986	864	1,031	1,832	578
Area burned (acres)	433,797	140,085	237,289	161,288	244,189	355,124	16,270
Standing timber destroyed or damaged (M.B.M.)	287,520	42,886	267,186	50,415	187,250	102,804	3,845
Amount salvable (M.B.M.)	93,559	22,387	48,133	2,757	43,030	Not given.	Not given.
Damage to Forests	$393,183	$ 25,930	$ 129,124	$48,913	$108,873	$72,057	$4,387
Damage to other forms of property	345,787	200,335	162,333	26,962	57,774	364,475	13,967
Total damage	$738,970	$226,265	$291,457	$75,875	$166,647	$436,532	$18,354

COST OF FIRE-FIGHTING.

Fires, 1919, classified by Place of Origin and Cost of Fire-fighting.

Forest District.	Total Fires.	Originated on Vacant Crown Lands and Lands paying (Tax F.P.).	Originated on Alienated Lands not paying Tax (F.P.).	Extinguished without Cost.			Cost Money to Extinguish.			Total Cost of Fire-fighting.		Average Cost per Fire.
	No.	No.	No.	No.	Per Cent. of Total Fires in District.	Per Cent. of Total Fires in Province.	No.	Per Cent. of Total Fires in District.	Per Cent. of Total Fires in Province.	Dollars.	Per Cent. of Total spent in fighting Fires in Province.	Dollars.
Cranbrook	123	52	71	45	36.6	4.0	78	63.4	6.8	56,906 98	31.1	729 58
Kamloops	106	76	30	85	80.2	7.4	21	19.8	1.8	1,726 47	1.0	82 21
Nelson	178	80	98	64	36.0	5.6	114	64.0	10.0	43,059 43	23.5	377 71
Prince George	36	18	18	30	83.3	2.6	6	16.7	0.5	62 34	0.3	10 39
Prince Rupert	34	14	20	32	94.1	2.8	2	5.9	0.2	26 60	0.1	13 30
Vancouver	555	142	413	187	33.7	16.4	368	66.3	32.3	38,327 16	33.7	104 15
Vernon	109	40	69	75	68.8	6.6	34	31.2	3.0	18,598 32	10.3	547 00
Totals	1,141	422	719	518	.....	45.4	623	.....	54.6	158,707 30	100.0	254 75
Per cent.	100.0	37.0	63.0	45.4	.....	.....	54.6	.....	.....	.....	.....	.....
Totals, 1918	910	332	578	510	.....	56.1	400	.....	43.9	44,803 00	100.0	91 00
Per cent.	100.0	36.5	63.5	56.0	.....	44.0	.....	.....	.....	.....	.....	.....
Totals, 1917	986	257	729	625	.....	63.0	361	.....	37.0	88,243 00	100.0	244 00
Per cent.	100.0	26.1	73.9	63.4	.....	36.6	.....	.....	.....	.....	.....	.....

Fires, 1919, classified by Size and Damage.

Forest District.	Total Fires.		Under ¼ Acre.			¼ Acre to 10 Acres.			Over 10 Acres in Extent.			Damage.		
	No.	Per Cent.	No.	Per Cent. of Total Fires in District.	Per Cent. of Total Fires in this Class.	No.	Per Cent. of Total Fires in District.	Per Cent. of Total Fires in this Class.	No.	Per Cent. of Total Fires in District.	Per Cent. of Total Fires in this Class.	Under $100.	Between $100 and $1,000.	Over $1,000.
Cranbrook	123	10.8	17	13.8	5.9	34	27.7	9.1	72	58.5	15.1	99	13	11
Kamloops	106	9.3	11	10.4	3.8	43	40.6	11.5	52	49.0	10.9	94	10	2
Nelson	178	15.6	64	35.9	22.1	37	20.8	9.9	77	43.3	16.2	138	24	16
Prince George	336	3.1	6	16.6	2.0	19	52.8	5.1	11	30.6	2.3	35	1	.....
Prince Rupert	34	3.0	5	14.7	1.7	16	47.1	4.3	13	38.2	2.7	33	1	.....
Vancouver	555	48.6	169	30.4	58.3	177	31.9	47.3	209	37.7	43.8	500	36	19
Vernon	109	9.6	18	16.5	6.2	48	44.0	12.8	43	39.5	9.0	94	10	5
Totals	1,141	100.0	290	.....	100.0	374	.....	100.0	477	.....	100.0	993	95	53
Per cent.	.....	.....	25.4	.....	.....	32.8	.....	.....	41.8	.....	.....	.....	.....	.....
Totals, 1918	910	100.0	128	.....	100.0	380	.....	100.0	402	.....	100.0	114	71	38
Per cent.	.....	.....	14.07	.....	.....	41.76	.....	.....	44.17	.....	.....	.....	.....	.....
Totals, 1917	986	100.0	266	.....	.....	395	.....	.....	325	.....	.....	147	61	39
Per cent.	.....	.....	27.0	.....	.....	40.01	.....	.....	32.9	.....	.....	.....	.....	.....
Totals, 1916	864	100.0	230	.....	.....	336	.....	.....	298	.....	.....	127	50	15
Per cent.	.....	.....	26.6	.....	.....	38.9	.....	.....	38.5	.....	.....	.....	.....	.....

CAUSES OF FIRES, 1919.

Table A.—Number and Causes of Fires, 1919.

Forest District.	Lightning.	Campers and Travellers.	Railroad Operation.	Railroads under Construction.	Brush-burning, not Railroad-clearing.	Public Road-construction.	Industrial Operation.	Incendiary.	Miscellaneous (Known Causes.)	Unknown Causes.	Total.	Per Cent.
Cranbrook	21	46	18	....	....	....	6	3	9	20	123	10.8
Kamloops	7	25	32	1	11	....	2	4	3	21	106	9.3
Nelson	60	20	41	....	12	1	4	1	13	26	178	15.6
Prince George	2	22	3	.....	3	....	1	....	2	3	36	3.1
Prince Rupert	....	10	....	....	3	....	....	....	1	20	34	3.0
Vancouver	5	158	29	16	60	4	116	13	112	42	555	48.6
Vernon	20	29	23	5	8	....	....	....	....	24	109	9.6
Totals	115	310	146	22	97	5	129	21	140	156	1,141	100.0
Per cent.	10.1	27.2	12.8	2.0	8.5	0.1	11.3	2.0	12.3	13.7	100.0	....

Table B.—Number and Causes of Forest Fires for Last Eight Years.

Causes.	1919.	1918.	1917.	1916.	1915.	1914.	1913.	1912.
Lightning	115	134	48	67	100	169	34	23
Campers and travellers	310	158	209	268	305	487	195	51
Railroad operation	146	104	335	121	82	361	110	34
Railroad-construction	22	1	...	...	17	98	62	11
Brush-burning, not railroad-clearing	97	100	48	148	267	164	26	47
Public road-construction	5	2	5	12	20	11	9	9
Industrial operation	129	80	50	59	28	50	24	17
Incendiary	21	15	13	22	28	42	7	..
Miscellaneous (known causes)	140	72	55	19	24	83	7	6
Unknown causes	156	224	214	148	160	367	104	149
Totals	1,141	910	986	864	1,031	1,832	578	347

BURNING PERMITS, 1919.

Forest District.	CLEARING AGRICULTURAL LAND.				CLEARING LOGGING-SLASH.				CLEARING RAILWAY RIGHT-OF-WAY.				CLEARING PUBLIC ROADS.				GRAND TOTALS.			
	Permits issued.	Area burned over.	Fires escaped control.	Fires set without Permit.	Permits issued.	Area burned over.	Fires escaped Control.	Fires set without Permit.	Permits issued.	Area burned over.	Fires escaped control.	Fires set without Permit.	Permits issued.	Area burned over.	Fires escaped Control.	Fires set without Permit.	Permits issued.	Area burned over.	Fires escaped Control.	Fires set without Permit.
	No.	Acres.	No.	No.	No.	Acres.	No.	No.	No.	Acres.	No.	No.	No.	Acres.	No.	No.	No.	Acres.	No.	No.
Cranbrook	235	1,279	2	1	24	668	1	.....	4	66	1	.....	4	90	.....	.....	265	2,102	3	1
Kamloops	306	1,411	.....	.....	9	3,977	.....	.....	10	39	.....	.....	1	90	.....	.....	326	5,517	.....	.....
Nelson	935	918	5	4	10	343	2	1	14	223	.....	.....	3	5	.....	.....	962	1,489	7	1
Prince George	1,104	4,246	.....	1	2	7	.....	.....	2	10	.....	.....	.....	.....	.....	.....	1,108	4,263	.....	.....
Prince Rupert	167	2,101	.....	.....	2	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	169	2,111	.....	.....
Vancouver	1,070	6,573	3	9	173	3,151	5	.....	28	77	.....	1	15	75	1	.....	1,286	9,877	9	10
Vernon	399	2,278	2	2	7	38	1	2	31	1,474	4	.....	5	80	.....	.....	442	3,870	7	4
Totals	4,214	18,807	12	17	227	8,194	9	3	89	1,889	5	1	28	340	1	.....	4,558	29,230	26	16
Per cent	92.4	64.3	.....	.....	5.0	28.0	.....	.....	2.0	6.5	.....	.....	0.6	1.2	.....	.....	100.0	100.0	.....	.....
Totals, 1918	3,079	10,080	.....	.....	107	2,903	.....	.....	27	184	.....	.....	20	37	.....	.....	3,233	13,204	.....	.....
Per cent	95.2	76.3	.....	.....	3.3	22.0	.....	.....	0.9	1.4	.....	.....	0.6	0.3	.....	.....	100.0	100.0	.....	.....

PROSECUTIONS FOR FIRE TRESPASS, 1918.

Forest District.	Information laid.	Failure to Equip Donkey with Fire-fighting Tools.	Neglecting Fires started by Locomotives.	Intimidation and interfering with Forest Officer in Performance of Duties.	Operating Fire burned without Permit.	Failure to extinguish Fires set by Blasting.	Burning without Permit.	Incendiary.	Leaving Camp-fires burning.	Refusing to fight Fires.	Fines.		Suspended Sentence.	Cases dismissed.
											No.	Amount.		
Cranbrook	6	.....	.....	.....	.....	.....	3	.....	.....	3	5	$141 50	1	.....
Kamloops	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nelson	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Prince George	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Prince Rupert	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vancouver	23	2	1	1	2	1	10	.....	5	1	20	$530 00	1	2
Totals	29	2	1	1	2	1	13	.....	5	4	25	$671 50	2	2
Totals, 1918	1	.....	.....	.....	.....	.....	.....	1	.....	.....	1	$150 00	.....	.....

PERMANENT IMPROVEMENTS.

LIST OF IMPROVEMENTS IN EACH DISTRICT.

A total of $26,374 was spent in building and maintaining trails, new patrol-cars, telephone-lines, boat-houses, and launch building. A total of 450 miles of trail was cleared by patrol officers, and two launches, the "Red Cedar" and "Douglas Fir," were completed and put into commission.

A total area of 262,000 acres of slash was disposed of, materially reducing the fire hazard.

Ten gasolene fire-pumps were purchased, and in every district they proved their worth to such an extent that it is proposed to equip each district with three or more, according to the local needs.

The following amounts were spent on improvements and maintenance, by districts:—

Cranbrook.

Improvements—

Casey Mountain Lookout	$ 960 18
Sheep Creek Trail	219 50
Slash-burning	426 65
St. Mary Trail	575 15
One new car	741 00
	$2,922 48

Maintenance—

Baker Telephone Line	$ 16 80
Goat Mountain Telephone Line	2 00
Waldo Telephone Line	75 65
	$ 94 45

Kamloops.

Improvements—

Blue River Ranger Station	$ 260 90
Depot Camp Ranger Station	8 85
One new car	588 70
	$ 858 45

Ranger labour, $282.64.

Maintenance—

Canoe River Trail, patrol labour	$ 36 00
Clearwater Trail, patrol labour	696 00

Two hundred and nine miles of trail cleaned by patrol labour.

Nelson.

Improvements—		
Big Bend Telephone	$	13 47
Donaldson Mountain Trail		71 55
Duncan River Telephone Line		1 75
Kettle Valley Telephone Line		60 56
Mosquito Creek Telephone Line		27 85
Porcupine Creek Trail		51 40
Texas Creek Trail		150 00
Wilson Creek Trail		45 00
Slash-burning		345 60
	$	767 18

Prince Rupert.

Improvements—		
Meanskinisht Telephone	$	15 00
Smithers Garage		250 00
	$	265 00

Prince George.

Improvements—		
Stony Lake-Willow River Trail	$	362 48
One car		805 45
	$1,167	93
Maintenance—		
Finlay Forks Ranger Station	$	9 30
Slash-burning		584 79
	$	594 09

Vancouver.

Improvements—		
Cowichan Lake Boat-house	$	259 90
Gold River Trail		342 30
Slash-burning		1,768 34
Four cars		3,200 28
Lihumitnon River Trail		346 13
Myrtle Point Ranger Station		239 64
Launch "Douglas Fir"		1,349 40
Launch "Red Cedar"		1,737 13
Powell River Boat-house		99 23
Pitt River Trail		586 70
	$9,929	05
Maintenance—		
Heriot Bay Telephone Line	$	737 93
Myrtle Point Telephone Line		157 93
Pocahontas Trail		20 85
Thurston Bay Ranger Station		7,291 34
	$8,188	05

Vernon.

Improvements—		
Nicomen-Cedar Creek Trail	$	102 00
Slash-burning		56 90
Trinity Valley and Hidden Lake Trail		245 55
One car		861 00
	$1,265	45

Maintenance—	
Brookmere-Voight Valley Trail	$ 23 55
B.X. Telephone Line	169 48
Cambie River Ranger Station	4 95
China Creek Trail	9 40
Dry Creek and Coley Mountain Trail	18 00
Friday Creek Cut-off Trail	30 00
Mable Lake Boat-house	27
Park Mountain Trail	9 65
Sugar Lake Boat-house	2 25
Three Brothers Mountain Trail	34 15
	$ 301 70

One hundred and sixteen miles of trail cleaned out by patrol labour.

REPORT OF THE COMMISSIONER OF GRAZING.

The "Grazing Act," under which the Crown ranges of British Columbia are now administered, became law on March 29th, 1919, and the Grazing Regulations became effective on April 14th. As the regulations provide that sixty days' public notice must be given each year of the date prior to which all applications for grazing permits must be filed with the Department—essential in order that all users of the range should have ample notice to make application and protect rights acquired by long use—July 1st was established as the final date for the receipt of applications for 1919.

Applications were on file on that date covering approximately 30,000 head of cattle, horses, and sheep, and since then late applications have been continuously received. All applications so far received are from established and regular users of the Crown ranges whose improved ranch property is dependent upon the use of range allowed for its best development.

Prior to the passing of the "Grazing Act" and the establishment of administrative control, grazing was carried on in an unregulated manner, with the inevitable result that old ranges were being depleted, while nine-tenths of the available summer range was unused owing to the uneven distribution of stock. The live-stock industry just grew up—growing without any regard to economic use of the range. Crowding of stock on the ranges often led to friction, and overgrazing, resulting from this crowded condition, tended to destroy a valuable resource and handicap the expansion of the industry.

The situation demanded a remedy. Administration on a sound basis was urgently required. In order that this should be undertaken along lines that would provide for the upbuilding and expansion of the industry, secure the economic use of the forage resource, safeguard the interests of established owners, settlers, and others, and to co-ordinate the general interests of the people of the Province, thorough investigations were made, those interested in the industry and its future co-operating throughout.

During the winter of 1918-19 the work of the Grazing Office of the Department of Lands consisted mainly in providing for attendance at stockmen's meetings, the general survey of grazing conditions in the southern division of the Province, preparation of the outline for legislative action to bring about the needed control, forms required and instructions to the field force by letter or pamphlets dealing with "Grazing Management of Crown Ranges." The "Grazing Act" and regulations providing the basis for intelligent management were prepared for the consideration of the Grazing Development Committee of British Columbia, and were endorsed by that body on January 3rd, 1919. The passing of the "Grazing Act" and the promulgation of the regulations opened the way for active work in the administration of grazing.

RANGE MANAGEMENT.

A survey of the seven grazing districts had been made to ascertain approximately the number of stock using the Crown ranges during the summer season, as well as the general periods of use. A rough estimate of the carrying capacity, based on the present methods of use, was also made, and from the figures obtained the instructions authorizing the grazing of stock on the range were issued.

Authority to graze the following number of stock was issued:—

District.	Number of Stock.		Season.	
	Cattle and Horses.	Sheep and Goats.	From	To
Cranbrook	3,000	1,000	April 15	Oct. 31
Fort George	8,000	500	" 15	" 31
Kamloops	20,000	5,000	" 15	" 31
Nelson	2,000	1,000	" 15	" 31
Prince Rupert	2,000	500	" 1	Nov. 30
Vancouver	2,000	500	" 1	" 30
Vernon (Nicola and Princeton)	15,000	5,000	" 15	" 15
Vernon (Okanagan and Similkameen)	10,000	14,000	" 1	" 30

NOTE.—The demand for range in the Nelson District was such that the authorization was later increased by 500 head of cattle.

From observation and inspection of the ranges during the season it is apparent that the established seasons are very nearly correct.

It is true that the stock cattle remain on the range for a longer period in the fall than the closing dates of the established seasons, but as considerable beef is removed earlier the use obtained after the close of the seasons about balances the number lost through the removal from time to time of beef cattle.

The records to date show that permits for the following numbers of stock have been applied for:—

District.	No. of Permits.	Number of Stock applied for.			Amount of Fees paid.	Amount of Fees due.
		Cattle.	Horses.	Sheep.		
Cranbrook	24	439	114	.....	$ 140 59	$ 5 03
Fort George	4	1,485	10	.....	479 45	.....
Kamloops	119	24,937	1,113	4,295	6,623 34	372 23
Nelson	54	1,067	146	40	166 16	46 43
Prince Rupert (number of applications filed)	....	.....	.....	.....	.....	.....
Vancouver (number of applications filed)	....	.....	.....	.....	.....	.....
Vernon	80	15,734	406	.....	2,566 19	743 37
Totals	281	43,602	2,789	4,335	$9,975 73	$1,167 06

The grazing fees for the Vernon District are comparatively low owing to the fact that a great portion of the open range is alienated and allowance has been made when working out the grazing fees due. This also applies to the Nelson District.

A large number of owners in outlying districts have not yet applied for permits, but they will all be reached in the course of time.

The estimated revenue for the season of 1920 and the approximate number of stock it is expected will be under permit is as follows:—

District.	Number of Stock.			Grazing Fees.
	Cattle.	Horses.	Sheep and Goats.	
Cranbrook	8,000	200	10,000	$1,240 00
Fort George	3,000	50	.....	700 00
Kamloops	26,000	1,500	5,000	7,500 00
Nelson	2,500	200	.....	400 00
Prince Rupert	100	.....	.....	30 00
Vancouver	100	.....	.....	30 00
Vernon	20,000	500	5,000	4,100 00
Totals	59,700	2,450	21,000	$14,000 00

Range Conditions.

The condition of the range in general during the 1919 season was good. In spite of the dry year the forage on the summer range made an excellent growth, and, as a rule, stock is in excellent condition to begin the winter-feeding period. It is true that the lower or more open grassy areas, or that portion of the range which in the future will be considered as the "spring" and "fall" range, is not in good condition. This, of course, is due to two causes: (1) The overgrazing of the range; and (2) the ravages of the grasshoppers.

The former problem will be solved by the adoption of better methods in the distribution of the cattle, which will mean the grazing of areas of choice timber feed not used in the past and the protection during the growing season of the bunch- and blue-grass producing ranges. These better methods have been put into practice by several permittees on the Nicola and Merritt ranges, and excellent results have been obtained.

The solution of the grasshopper problem will necessarily require considerable preliminary investigation by the entomological offices before control measures can be actively adopted.

Stock Associations.

A great deal of time has been profitably expended in meeting with the stockmen at the various centres in order to explain the grazing policy and to organize them into workable associations under Regulation 3. Many meetings were held during the winter and spring, or prior to the "Grazing Act" and regulations becoming effective. Seventeen stock associations have been organized or reorganized with a view to placing definite units of range under their jurisdiction.

Considerable time has been expended in the field locating the natural dividing lines between the various associations of the Vernon grazing districts. It is expected that during the coming season more time can be devoted to this work. The fact that grazing-control could not be undertaken until practically July 1st of last year, and the expenditure of much time in securing the filing of applications from the regular users of the range in order that their future privileges might be adequately protected, interfered greatly with the organization-work.

Between May 22nd and June 18th, however, fourteen meetings were attended in various parts of the Kamloops and Vernon Districts. Many of these resulted in organization, and others in getting in touch with the main problems of the localities visited, outlining their solution, and ascertaining facts as a guide to future organization of the communities.

Grazing Problems.

Aside from the main questions of range restoration and allotment, there will arise from time to time numerous problems requiring solution. They need not be discussed here since they are not in evidence yet. Some, however, are ripe for consideration—the control of the grasshopper and the economic use of mountain meadow lands producing wild hay.

Grasshopper-control.

The grasshopper pest is a serious one, as its influence is felt on the very areas that require the most careful attention if rapid restoration is to be expected. They are to be found on most of the open-grass type range in the southern part of the Province, and usually are at their worst during the latter part of the growing season for the grasses.

In general, plans for the protection and restoration of the grass-producing ranges contemplate the removal of the stock to the timber or summer range during the latter part of the growing season for grasses. This is to give at least a portion of the grass a chance to fully mature, and also that which has been grazed a chance to develop and gather strength for future growth, as well as to provide grazing for fall months. About the time the cattle are removed and the young grass makes a substantial gain the grasshoppers begin to increase, and as they seem to relish only the plants which are palatable to stock and feed only in the open places exposed to the sun, the young grass-plants naturally suffer. Where the infestation is severe and continuous from year to year, efforts to bring about the recovery of the range through better methods of handling stock will be greatly handicapped.

An examination of the badly infested areas in the Lillooet District was made during October by the Entomological Branch at the suggestion of this office, with a view to locating the

areas where eggs have been deposited and suggesting methods of control. The South African Government has carried out very successfully work in grasshopper-control, and this office has written for information regarding the methods followed. The United States Government has also been written regarding very effective work in Central Oregon in destroying grasshoppers on the open range.

COMPLAINTS.

Many complaints have been filed in reference to conflict between users and groups of users on the range. In anticipation that the necessary legislation would become effective early in the season, these complaints were investigated as far as time would permit and preparations made to adjust the difficulties as soon as such adjustments could be legally undertaken. Considerable time and effort has been expended in this line of work and a fair start made in all cases toward the future harmonious use of the ranges involved.

The unavoidable late filing of applications for the year, as well as the failure of conflicting parties to make applications at all or to secure permits after filing applications, rendered some of the cases difficult of adjustment. While it would have been perfectly legal to allot a range in dispute to the man or men who had complied fully with the regulations regarding the filing of applications in time and the payment of the grazing fees due, still it had to be kept in mind that, in this first year of grazing-control, the other party or parties to the dispute may not have clearly understood the law and its application, and through misunderstanding had neglected to take the necessary action to protect the privileges due them. As the established ranches depend almost absolutely on the use of the crown range during the summer months, this office has deemed it advisable to take no action in the settlement of range disputes which might seriously embarrass men in their future operations. Therefore, settlements in all cases have not been altogether final in order that those who have been negligent may still secure recognition.

DOMINION RANGE.

Co-operation between the Provincial and Dominion Governments in the joint administration of range units which are comprised of both Provincial and Dominion range has not yet extended beyond the stage of preparatory work and discussion of practical methods of control. This is due to the fact that the Dominion Government is not yet exercising active grazing-control over its range lands adjoining the Provincial range.

It is true that the Provincial Government is providing range during the midsummer months under grazing permit for stockmen residing within the Railway Belt, but until permits are issued by the Dominion Government definite arrangements for joint allotments to prevent friction on the range cannot be entered into.

In many instances stockmen living without the Railway Belt have need of adjoining range within the Belt, and, in like manner, stockmen residing within the Belt require a use of Provincial range adjoining that which their stock uses within the Railway Belt.

Co-operation is necessary since the established boundary between Provincial and the Belt ranges is in few instances suitable as a dividing line of range allotments, and it will therefore be necessary to consider establishing allotments for those who use range on both sides of the boundary which will be used under permit from both the Provincial and the Dominion Governments.

NEW REGULATIONS.

As the demand for range increases and the stockmen feel the need for absolute protection in the enjoyment of the grazing privileges acquired under the Grazing Regulations, the present regulations will in many respects be extended in scope, and the framing of new regulations will be found necessary to cover matters of Provincial interest to the industry. Within the authority conferred by these regulations local problems can be dealt with under the secondary regulations or special rules established under Regulation No. 4 of the Grazing Regulations now in force.

Many varied and complicated phases of the grazing administration will develop as the use of the range becomes more extensive and at the same time more intensive.

PURE-BRED STOCK.

The sales of pure-bred stock which have been recently inaugurated and encouraged by the Department of Agriculture at various centres throughout the Province, together with the satis-

factory prices obtained, is having a tendency to arouse interest in the breeding of registered animals by resident stockmen.

At present it is the general practice for stockmen to renew the herd and flock sires by importations from neighbouring or Eastern Provinces. This practice is compulsory for the reason that there are very few breeders of high-class registered animals of the beef and mutton breeds in the Province. The future will remedy this and will see the production of animals which will be able to compete with and surpass in merit those produced elsewhere.

It is very desirable that this development be encouraged in every way. The imported animal is not only at a disadvantage climatically, but when used for breeding purposes on the range is confronted with conditions of range which are unfamiliar, and consequently value in service is lost, which cannot be countenanced in an industry the profits of which depend on high calf and lamb tallies.

The home-bred animal will be raised under conditions which with reasonable care will ensure a maximum of service from the beginning of his use.

Future of the Range Stock Industry.

It may with truth be said that ranch and range conditions in British Columbia are particularly advantageous to the raising of animals of exceptional quality in thoroughbred as well as grade range stock. As a general rule, large bands of cattle and sheep, as they are generally met with in the Prairie Provinces, will not in the future be handled under one ownership in British Columbia, for the reason that the hay-producing lands lie along the valleys and are not in extensive and compact bodies. As time goes on it will be found that the small ranch will prevail; that is, cattle-ranches with from 50 to perhaps 250 head of cattle, and sheep-ranches with from 50 to perhaps 500 head for the farm flock, and with one or two bands of 1,200 head each where the range-sheep business is followed. A very large number of small farmers throughout the Province with five to twenty-five or more head of stock will use the Crown ranges adjacent to their ranches. These men will be organized into stock associations working under progressive methods. Community breeding of stock will prevail, and the resultant product will be high-grade animals of exceptional marketable qualities.

The great advantage in the small herd and flock is that the smaller number of stock will permit of greater supervision in handling. This will mean better attention to the culling-out of undesirables, resulting in the building-up and production of a superior grade of stock for the Province as a whole. In addition to this, there is adjacent to all ranches and possible ranches of the Province an abundance of summer grazing on the timbered or forested areas which is not met with on the prairie ranges proper. This timber feed, which constitutes summer grazing, is comprised of rich grasses, succulent weeds and browse which is very necessary to the growing lamb and calf, as well as for the females producing the necessary milk for their offspring. This means that the offspring of range stock begin to eat at an early date a class of forage which they relish and which has high fattening and growing qualities, so without question with reasonable care the ranches and summer range of British Columbia can produce a heavier and better class of range stock than perhaps any other portion of North America.

The summer ranges of North-western Washington are better adapted to the raising of heavy range animals than any other portion of the United States, and investigation shows that the ranges of British Columbia are every bit as good if not better than ranges south of the International Line.

Most of the ranges in British Columbia suitable for grazing cattle during the open season are of a rolling, comparatively level character, over which the animals can move freely. An abundance of feed is available everywhere, and with little exertion on their part and reasonable care by the owner they increase in weight very rapidly from the time they are turned out until they are brought into the home ranch for feeding during the winter months, and, of course, with the same reasonable care during that period they continue to grow and will eventually go to the block and furnish a quality of beef that cannot be surpassed anywhere.

It should be kept in mind that this summer feed lies immediately adjacent to the winter ranches and that long drives are eliminated. With a simple range plan the stock merely drift from the ranch over the spring range out on to the summer-grazing areas and back again to the ranch in the fall. Water is abundant everywhere, so that very little development in this

respect is necessary. It is merely essential that water-holes subject to damage by tramping be protected by the necessary fencing and troughing.

The climate of British Columbia is, comparatively speaking, mild and very desirable from a view-point of stock-raising. The numerous valleys, together with the more or less timbered character of the range, furnish protection and shelter, so that no anxiety need be experienced by any stockmen that losses will result through the occurrence of blizzards and severe weather peculiar to winter, spring, and fall on the open or prairie character of range.

To those stockmen who are used to open-range conditions of the Prairie Provinces the advantages of British Columbia for the raising of stock should strongly appeal, and, while at first the broken and timbered character of the country may not seem desirable, they will find that, if they settle here and give proper attention to breeding and reasonable care to the stock on the range, a most successful business can be developed under most agreeable and satisfactory conditions.

THOS. P. MACKENZIE,
Commissioner of Grazing.

VICTORIA, B.C.:
Printed by WILLIAM H. CULLIN, Printer to the King's Most Excellent Majesty.
1920.

REPORT

OF THE

MINISTER OF PUBLIC WORKS

OF THE

PROVINCE OF BRITISH COLUMBIA

FOR THE

FISCAL YEAR 1918-1919

PRINTED BY
AUTHORITY OF THE LEGISLATIVE ASSEMBLY.

VICTORIA, B.C.:
Printed by WILLIAM H. CULLIN, Printer to the King's Most Excellent Majesty,
1920.

To Colonel the Honourable Edward Gawler Prior,

A Member of the King's Privy Council for Canada,

Lieutenant-Governor of the Province of British Columbia.

May it please Your Honour:

Herewith I beg respectfully to submit the Annual Report of my Department for the fiscal year ending 31st March, 1919, in compliance with the provisions of the "Public Works Act."

J. H. KING,

Minister of Public Works.

Works Department,

Victoria, B.C., January, 1920.

Island Highway, sixteen miles from Victoria, Esquimalt District.

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PUBLIC WORKS REPORT.

REPORT OF PUBLIC WORKS ENGINEER.

PARLIAMENT BUILDINGS,
VICTORIA, B.C., December 5th, 1919.

J. E. Griffith, Esq.,
Deputy Minister of Public Works.

SIR,—I have the honour to submit the following general report on the operations of the Public Works Department for the fiscal year 1918-19:—

ORGANIZATION AND SUPERVISION.

The efficient results being obtained from the new system continues to justify the employment of District Engineers in responsible charge of well-defined engineering districts. Through their good offices many contentious matters of long-standing dispute have been settled and other deferred questions finally disposed of. In this way the Engineers have had more time in which to better their organization and to compile engineering data for purposes of comparison, as well as for future reference. Great benefit has resulted from the increased supervision rendered possible under the present administration; not only has better work been done more economically, but much useless and unnecessary work hitherto undertaken has been eliminated.

The cost of outside supervision for this year was 7.68 per cent., as compared with 7.1 per cent. for the previous year. This is reasonable, considering the greatly increased number of inquiries from incoming settlers for new roads, the enhanced cost for transportation, and the higher wages and salaries which had to be paid. There should also be taken into account the much necessary and beneficial work undertaken in connection with office organization and record-keeping, for which no credit can be allowed in a mere proportioning of supervision charges, based upon the expenditures for actual work done on roads, bridges, etc. It is possible to unnecessarily increase the cost of work either through lack of supervision or owing to incompetent supervision, thus unnaturally reducing the percentage cost of supervision.

In my frequent tours of inspection throughout the Province I have personally examined many proposed new works, inspected works in course of progress, and investigated several problems involving difficulties and disputes. I have therefore every reason to speak most favourably of the present system of field administration. Results will speak for themselves as the organization is perfected and works carried out only as they are justified by circumstances and under some well-defined plan.

During this fiscal year, although there was a greatly increased number of communications from the public generally and innumerable technical reports from the District Engineers to deal with, the office-work, particularly of the engineering branch, was greatly improved. Numerous Department forms for keeping cost records and other useful data and several standard specifications and plans were prepared, all with a view to standardizing the work of the Department as far as practicable.

ROADS AND TRAILS.

As in the few years previously, the work was confined chiefly to maintenance and improvement of existing roads and trails. new construction-work having been undertaken only where necessary to meet the urgent demands of settlers and others.

As will be particularly noted from the accompanying reports of the District Engineers, work was usually carried out on the principle of doing what would benefit the majority of settlers or the public generally. More work was undertaken this year in conjunction with municipalities on recognized trunk roads, several miles of hard-surfacing having been satisfactorily completed. Most of the preparatory work in connection with such fairly permanent improvements was efficiently carried out by the various municipal day-labour gangs, the actual surfacing being done by contract. The bulk of the general road-work was carried out by day-labour, although in many districts there was the usual scarcity of labourers. All the returned men that applied or could be found were employed, as many as 750 returned men having been at work at the same time throughout the Province.

As usual, this Department carried out work on the mining roads and trails for the Department of Mines, approximately $120,000 having been spent under our supervision. Considerable work was undertaken this year on surveying existing roads with a view to improvements of grades or alignment, as well as locating prospective roads. The engineering staff is endeavouring to confine, where possible, expenditures of any extent to sections of roads that are on good alignment or practical grades, any reconstruction work or new work being invariably carried out on some proper survey. In time such a policy should make for an efficient road system as well as ensure considerable saving.

Elsewhere details of the mileage of roads and trails are given for each electoral district. It is hoped to further segregate the roads into the various classes of construction. Altogether there have been very marked improvements carried out on the roads generally, considering the comparatively small appropriations available and the increasing high cost of labour and materials.

BRIDGES.

As will be noted from the details of the contracts included in the annual statements of expenditure, much more work (chiefly on new structures) was undertaken this year by contract. Some reconstruction and all the maintenance work was carried out by day-labour. Considerable attention is now being given to the proper location of new bridges; many old bridges have also been rebuilt on improved sites—where practicable, one new bridge being put up to take the place of two old ones. In important structures Coast fir of the best quality is used, the material being subject to careful tests by competent Inspection Engineers. The erection of all bridges is under the general supervision of a highly competent Provincial Bridge Inspector, who also makes at least one inspection annually of all existing bridges, submitting reports and recommendations thereon. An endeavour is being made to replace bridges, where practicable, with large culverts and earth or rock fills, thereby tending to reduce the heavy annual maintenance charges.

Although the sum of $488,500 was allocated for bridges generally, only $432,334.22 was spent, the aim being to reduce the cost of maintenance consistent with the safety and convenience of vehicular traffic. Our financial requirements for bridges have been somewhat increased owing to the Provincial Government carrying out repairs on or renewing portions of several bridges on the North Arm of the Fraser River, originally constructed by the Government some years ago and later taken over by the interested municipalities.

WHARVES.

In view of the proposed transfer of the Provincially owned wharves to the Federal Department, the expenditure on wharves was confined to absolutely necessary repair to safeguard the travelling public. The total expenditure on wharves this year was $44,091.40, exclusive of $2,859.30 spent on the construction of serviceable floats at Cow Bay, Prince Rupert.

FERRIES.

In addition to the numerous improvements carried out at the existing ferries, new ferries were installed at the following points: Castlegar, on the Columbia River; Terrace and Usk, on the Skeena River; Hulatt and Braeside, on the Nechako River; and at McClure, on the North Thompson River. Most of these ferries were pontoons operated by current. The Government also subsidized the R.M.S. "B.X.," which operates during the open season on the Fraser River between Soda Creek and Quesnel. According to the monthly detailed records submitted, this steamer is carrying considerable freight traffic and is generally meeting the needs of the settlers pending the extension of the Pacific Great Eastern Railway. The cost of all Government freight carried was deducted from the subsidy. Many new appointments as ferrymen have been given to returned men.

RIVER-BANK PROTECTION.

In view of the enactment of the "River-bank Protection Act," wherein power is given the Legislature to levy special taxes to cover the cost of protective works where required and approved, comparatively little work of this nature was attempted this year.

ENGINEERS' CONFERENCE.

This annual conference, which this year was also attended by some of the Assistant District Engineers, again proved very beneficial, alike to the inside and outside engineering staffs.

Interesting and instructive papers bearing on their every-day work were read and discussed, and matters of mutual benefit to our own and to the other closely allied departments were gone into and progressive programmes outlined.

Herewith I have pleasure in submitting the District Engineers' annual reports, from which much useful information will be obtained. Such reports serve to illustrate the different conditions obtaining in the different districts, and hence the need for technically trained Engineers to help solve the many varying problems.

The individual reports of the Supervising Architect, the Inspector of Machinery and Boilers, the Inspector of Electrical Energy, the Inspector of Factories, and the Inspector of Dykes are also submitted by the heads of these departments, all of which are in a good state of efficiency under their capable administration.

Once more I am glad to take this opportunity to record the assistance and co-operation rendered me by the various officials of the Department, whose work has been so generally efficient as not to admit of singling out any one in particular. We all seem to be working harmoniously together for the general good of the Department, the efficiency of which is yearly increasing.

Accompanying this report are details of the expenditure on roads, trails, bridges, ferries, wharves, and public buildings, together with other miscellaneous data relative thereto.

All of which is respectfully submitted.

Yours obediently,
A. E. FOREMAN,
Public Works Engineer.

REPORT OF ENGINEER, DISTRICT No. 1.

District Engineer's Office,
Parliament Buildings,
Victoria, B.C., November 24th, 1919.

A. E. Foreman, Esq.,
Public Works Engineer, Victoria, B.C.

Sir,—I beg to submit the annual report for above district.

On taking over the district in December, 1918, I found the roads leading to and from cities and towns in a very bad condition. It was quite evident from the large number of motor-vehicles that the old system of gravelled roads was now out of date. Motors destroy the crust of gravel, sink into the clay underneath, making it practically impossible to mend roads during wet weather.

The year had been a wet one, especially during the late spring, and the repair costs were higher than had been provided in the appropriations.

There was a large amount of tourist traffic from the United States over the main highways, wearing out roads that were short of the proper amount of gravel. In spite of all these adverse conditions, by constant attention to the worst places the roads on the Island compared favourably with roads elsewhere.

Increased Costs due to Increased Motor Travel.

The constant wear to gravelled roads, combined with the continued scattering of gravel, placed on the roads, into the side-ditches, increases maintenance costs three or four times what they would be under former conditions with horse-drawn vehicles. It is difficult to determine the exact ratio; the iron tire acts as a roller and compacts the gravel into a cemented mass; the rubber tire does the opposite.

When roads are soft in very wet weather a driver does not take his team out unless it is unavoidable, whereas a car-driver is protected by an overhead covering. If there is a rut in the road he sticks to it; the next car does the same, and water increases the damage by either collecting in or running down it.

Changing speed or gears, the rear wheels scratch the road-surface to a greater depth in wet than in dry weather; the hind wheels on horse-drawn vehicles do not scratch a road unless the brakes are set hard.

The economical solution, is permanent pavement, construction cost of which is high, but maintenance costs low. With gravelled roads the opposite is true.

If a permanent paving programme could be arranged for the next five years with the amounts available for each year it is reasonable to assume that construction costs would go down. Wages might still be high, but contractors and their employees would become more familiar with this class of work and they should be able to lay more in a day than untrained men.

A programme of this kind would provide steady work for many returned citizens and others, and train them in the proper handling of cement in various ways for permanent works. This should lead to economy in handling and mixing cement. Increased motor licences would, of course, be necessary for a scheme of this kind, and it is reasonable to assume that motorists would be more willing to pay twice the present fees if they felt assured of good hard-surface roads.

INCREASED COST OF WORK.

This is chiefly due to increased wages, shorter hours, lack of modern road plant, as well as the difficulty of getting men owing to the numbers who had left their homes to go to the war and others who were attracted by the high wages in lumber camps, shipyards, and other trades.

INCREASED ANNUAL DAMAGE TO ROADS.

This is entirely due to motor travel; private cars travelling at high speed scatter newly placed gravel before it has been properly set on the road-bed. They also destroy the hard surface of a gravel road in wet or dry weather, sucking up the smaller particles which help to cement the gravel together into a hard surface. Heavy trucks with solid tires do not throw out the smaller particles mentioned above, but in wet weather destroy the hard surface of gravel beyond repair by crushing through it. Loggers are finding it more economical to haul logs along the public roads on motor-trucks or trailers than it is to build skid-roads, but they should not be allowed to haul their heavy loads over the main highways, as they have to keep in the centre of the road, forcing the travelling public sometimes into the ditch.

FLOODS.

Owing to heavy floods some of the larger bridges were washed out, notably the Salmon River Bridge. The Sooke River Bridge was saved by constant watching and clearing out log-jams before there was too much accumulation of logs, trees, and driftwood. Roads also suffered owing to culverts becoming blocked with driftwood and rubbish.

LABOUR CONDITIONS.

Wages were increased, but labour for road-work was difficult to get in some sections. Women worked on the roads in the Courtenay District; their work was entirely satisfactory and much rivalry existed between them and the men working near by as to the amount of work done.

ROAD DRAGS AND GRADERS.

These machines are of great service in replacing gravel thrown out by motors and filling ruts, but it has been difficult to get some foremen to understand the value of these machines. In almost every case where the public complain of poor roads it has been found that the foreman has not made use of the grader at the right time.

REPAIRS TO PERMANENT PAVING.

From Parson's Bridge to Colwood Hotel, the section upon which a rocmac pavement was laid, was materially improved by surfacing with 2½ inches of asphaltic concrete, thus increasing the life of the pavement very considerably.

BRIDGES.

Standard designs to carry 15-ton loads are of much benefit, but much difficulty was found in securing competent bridge-framers who understood framing trusses in a thorough workmanlike manner. Some who claim to be truss-framers are found to be lacking in experience, and the result is poor joints and either too much or too little camber.

Repairing Dewdney Trunk Road, Dewdney District.

R.P. tractor hauling grader, Kamloops District.

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Width of Roads.

Most of the main and all side roads have now too narrow a road-bed for motor travel. In addition to maintenance costs, sums have to be set aside each year in the appropriations for widening. This increases maintenance charges for the extra width and will increase year by year until permanent paving has been laid, when maintenance and widening cost will drop to a very low figure.

Respectfully submitted.

Yours obediently,
A. E. Hodgins,
District Engineer.

REPORT OF ENGINEER, DISTRICT No. 2.

District Engineer's Office,
Court-house,
Vancouver, B.C., October 29th, 1919.

A. E. Foreman, Esq.,
Public Works Engineer, Victoria, B.C.

Sir,—I beg to submit the annual report for above district.

In Delta and Chilliwack Districts the greater portion of maintenance was centralized on the Yale Road (or Provincial Highway) and the Pacific Highway. By reason of the great volume of traffic these highways have been subjected to heavy wear, demanding continuous maintenance.

The problem of repair was rendered somewhat difficult on those portions which were macadamized some years ago, particularly on the Pacific Highway between Clayton and Blaine. No funds were available for scarifying the surface and applying crushed rock, so that the entire surface of the old macadam was coated with gravel; the results being satisfactory.

It can be laid down as a final rule that, unless bituminous surfacing is contemplated within a reasonable period, no trunk road should be macadamized where gravel is available. In fact, that portion of the Provincial Highway through the "Green Timber" is ideally suited for hard-surfacing in its present condition, using the present base; the drainage is excellent; the surface, although pitted, is regular. The quality of gravel used in maintaining this portion is excellent, being of a fine sandy loam, deceptive in appearance, but splendid in results.

Particular mention should be made of that portion of the Yale Road from Abbotsford to Vedder Mountain, the continual careful maintenance of this section during the fiscal year having shown good results. At high water this road is closed to traffic on the section across Sumas Prairie, and until the proposed reclamation of Sumas Lake is completed the road will be a source of annoyance to the travelling public. During the fiscal year the Vedder River protection-work was practically completed, the type of construction adopted to divert the river having been amply justified, judging by observations made during flood periods.

On bridges very little work, other than the usual minor repairs, was required in Delta and Chilliwack Districts, the Canoe Pass Bridge being the exception. It was found necessary to strengthen three pile piers and place approximately 200 tons of rock around same to prevent scour. It will be necessary to make careful surveys of the channel for a better location of this bridge.

Of ferries in Delta and Chilliwack Districts—Agassiz-Rosedale, Harrison-Chilliwack, Mission-Riverside, Barnston Island, and Ladner-Woodward—the former and latter are of special note.

The volume of traffic on the Agassiz-Rosedale is such that arrangements are now in progress to discontinue the present service and transfer the Mission Ferry to this point. This will entail a large expenditure for landings, etc.

The Ladner-Woodward Ferry: "William H. Ladner" is at present operated at the Government's expense without charge to the travelling public. This boat has proved entirely inadequate for the traffic and a large boat is now undergoing alterations to equip same for the increased traffic. It is proposed to make a charge for all passengers, etc., using the ferry, and this will produce a revenue which it is hoped in time will cover the operation and maintenance costs.

The Mission Ferry has given efficient service during the year. In order to take care of increasing traffic it is proposed to build a larger ferry along the same lines as the present one. The landing at Riverside will require a careful survey in order to eliminate the present circuitous route, necessitating a large annual cost for maintenance.

In North Vancouver District little, save routine repairs, was undertaken on the roads. Since last fiscal year there was an increase in the expenditure on the Gibson-Sechelt Landing and Squamish Valley sections, caused by the increase in automobile traffic in these sections. The appropriation for this district was sufficient to cover all the necessary requirements and also to make a great improvement to the existing main roads.

In Pemberton Meadows high-water conditions obliterate any improvements done on the roads and causes damage which will take time and money to rectify. Each year's appropriation is used in making good the damage done by intermittent floods. Proper river-bank protection will alone overcome this condition.

In South Vancouver District an asphaltic concrete pavement on macadam base was continued on the Hastings-Barnett Road for a distance of 0.4 mile; this work was done on a 50-50 basis with the Corporation of Burnaby; the work was delayed until late in the season, but altogether a satisfactory job was made.

An asphaltic concrete pavement on macadam base was laid on Fraser Avenue for a distance of 0.3 mile.

Richmond District.—In this district hard-surfacing was carried out on No. 3 Road, Lulu Island, in the Municipality of Richmond, the latter corporation bearing half the cost. The Marine Drive through Government lands was resurfaced with asphaltic oil and screenings and thoroughly repaired. This work has made a splendid improvement on the surface of what is a popular tourist road. In addition, the usual maintenance was carried out.

Ferries generally.—A small scow current ferry was installed on the Upper Lillooet River for convenience of some settlers and is operated by travellers free of expense.

Bridges, North Vancouver.—The usual maintenance was carried out, small expenditures being made for plank renewals.

Minor bridges were built in Squamish Valley and Pemberton Meadows where existing culverts proved inadequate.

In Richmond District the only work of note carried out was the renewal of two Howe trusses composing part of the North Arm Bridge over the Fraser River; the remaining part of the structure was thoroughly overhauled and put in first-class condition.

The mechanical wear on the deck being abnormal, it is proposed to lay a bituminous surface on a portion of the Eburne Bridge as an experiment, the effects of which will be interesting and instructive.

Dewdney District.—The greatest volume of traffic is on the Main Dewdney Trunk Road, almost 90 per cent. of the distance being within organized territory. One notable fact in connection with this road is that a great majority of freight which formerly was carried by the railway is now taken by the road on heavy motor-trucks. These travel at high speed and an increase in the number of these vehicles is looked for. While the advent of the truck is a tribute to the condition of the road, it can be plainly seen that a more permanent surface is required on the Dewdney Trunk Road.

The section between Westminster and Coquitlam has now been resurfaced with asphaltic oil and screenings. While this surface is good for light traffic, it will not stand the increased truck traffic. Therefore the municipalities through which this road traverses should awaken to these new conditions and welcome, rather than deplore, the advent of the motor-truck as a carrier, and prepare the trunk road to stand the heavier traffic. The opportunity of expeditiously reaching a good market now confronts the producer and there can thus be no better expenditure than that for permanent roads.

General Foreman Wylie in his report states: "The great majority of freight from Maple Ridge, Pitt Meadows, and Coquitlam is now diverted from the Canadian Pacific Railway and is carried in very heavy motor-trucks, which travel at a high speed and will destroy any road other than a hard surface."

Of $32,640 allowed for maintenance, $30,567.07 was spent within the Municipalities of Port Moody, Coquitlam, Port Coquitlam, Pitt Meadows, Maple Ridge, and Mission. As a comparison, $360 was the cost per mile for maintenance in organized territory, while in unorganized territory the cost was $210 per mile.

The most important work undertaken on roads was the Ioco Road, which connects the oil-refinery with Port Moody. The old road was in an impossible location and had to be abandoned. The new road, when completed, will give good access to the Imperial Oil Company's plant and to the settlers at Sunnyside. Considerable success has been attained with the continual use of the Nicomen rock. With the use of scows and trucks this material had been transported to the Pitt River Bridge. It is proposed to bind this material with asphaltic oil and excellent results are expected.

In Yale District attention was principally paid to main trunk roads, all of which were maintained in a fair condition.

The Spences Bridge-Merritt Road has been a source of continual trouble and expense, due to slides, particularly the "3-Mile" and "9-Mile" slides. In order to keep the road open it is necessary to have a patrolman continually at these points. It is proposed to build sheds on the same principle and performing the same function as snow-sheds on railways in order to carry the gravel, etc., over the road. This appears to be the only solution.

The bridges throughout the district were maintained in good repair.

Generally, I cannot submit a report which will do justice to this engineering district, as my term of office as District Engineer began when the fiscal year ended. From experience gained to date I know that the assistants in all the electoral districts have carried out their work conscientiously and with tact. The public require to be educated so that they might understand the new order of things—namely, that the Department was endeavouring to spend public money where most warranted. In many cases long trips were taken to see individuals who petitioned for work which from preliminary inspection could not be ascertained. The trouble taken in these cases was, however, justified, and the particular individual had the satisfaction of knowing that his case was not condemned without a fair hearing.

Respectfully submitted.

P. Philip,
District Engineer.

REPORT OF ENGINEER, DISTRICT No. 3.

District Engineer's Office,
Kamloops, B.C., December 19th, 1919.

A. E. Foreman, Esq.,
Public Works Engineer, Victoria, B.C.

Sir,—In the Kamloops District during the fiscal year 1918-19 practically the total road vote was expended in gravelling and general repairs. The repairs consisted of 170 miles of grader-work and the replacing of 119 culverts of various dimensions, besides patch-work, filling in wash-outs, etc. During the season 21½ miles were gravelled to an average width of 12 feet. The motor traffic during the season increased to such an extent that it was almost impossible to keep up the roads with the equipment and money available. The winter remaining open, the roads required constant attention, which in a hard winter would not have been necessary; owing to this fact the winter expenditures were very heavy.

The only new road constructed during the year was in the Rose Hill section, and is known as the Demmon Green Road, a mile and a quarter in length and cost $781.75.

The heavy repairs to bridges during the year were divided between the Kamloops East and West Bridges and the renewal of the bridge across the Barriere River. The Kamloops East Bridge was redecked throughout with two tiers of 2 x 12 inches, one tier at right angles and the other diagonally. On the West Bridge 871 feet of the deck was renewed, and it was also found necessary to renew many of the old joists. A new 75-foot standard Howe truss was erected over the Barriere River alongside the old structure.

The Indian reserve trestle near Kamloops was replaced by a fill of 12,230 cubic yards, and three culverts, 6 x 36 x 6 feet, placed in the fill at a total cost of $7,497.49.

Assistance to the extent of $1,000 was granted the Granby Consolidated Mining and Smelting Company towards the erection of a standard 65-foot king-truss span across the Seymour River.

During the year nine ferries were operated throughout the season. Two new ferries were built, making a total of eleven, one of which was operated for part of the year. The ferries at Clearwater and Blackpool had to be practically rebuilt through damage caused in high water. Taking the ferries altogether, a very good service was given the public.

In Lillooet District the year 1918-19 was averagely dry, with very high winds and heavy local storms during the year, making it very difficult to hold to appropriations on individual roads segregated in the early part of the year. In the early spring a warm wave cut off the snow, causing considerable damage to roads by undermining and washing out portions of them from under a frozen surface. In June a heavy wind-storm filled and closed fourteen roads in East Lillooet, taking a gang of men two weeks to get them opened for traffic. Later in the same month there was exceptionally high water in the Fraser River and several of the roads were badly washed, Big Bar-Empire Valley and Woods Bar-High Bar being cut away in places. In July there were several cloud-bursts, causing the Lillooet-Lytton Road to be closed three times; once the damage covered one mile south and along the big slide, and consisted of wash-outs, rock, gravel, and slum deposits on the road at points 7 feet deep. Big Bar Road was washed and damaged over three miles, the bridge at Neas Ranch was completely carried away, fences were torn down and carried to the creek, and deposits 3 and 4 feet deep with all kinds of boulders were left on the road. On the Woods Bar-High Bar Road the wash was so heavy that about six miles of road was almost obliterated. On the Lillooet-Clinton Road a short piece was damaged at the 17-Mile Ranch; Clinton-Alkali via Kelly Lake, Clinton-Alkali, Chilcotin Main, Canoe Creek-Churn Creek, and Big Bar-Big Bar Mountain were all more or less damaged; and the Clinton Hill-Cariboo Main Road was badly cut out. In August a heavy wind-storm occurred in the Deadman Creek section, closing several of the roads. The above unforeseen damage cost $10,712.38 (or $4.78 per mile) for the entire road and trail mileage of Lillooet District, and reducing the amount available for permanent work to that extent. In spite of this extraordinary expenditure and the small amount left to keep the roads in repair, amounting to $14,020.89 (or $6.26 per mile), roads and trails (total mileage 2,240), the roads were all kept open for traffic. The following improvements were also carried on: Cariboo Main, about 1 mile gravelling; Chilcotin Main, ½ mile gravelling; Clinton-Alkali via Kelly Lake, 1 mile gravelling and 7 miles slashing; Clinton-Alkali, 8½ miles slashing and several miles of road improved; Big Bar-Big Bar Mountain, 1 mile of heavy work completed; Gun Creek Trail, about 2 miles of new work completed. On January 15th the roads were open for auto travel to Ashcroft, 150-Mile House, Chilcotin, Gang Ranch, Big Bar, and Lillooet via the Marble Canyon.

The surfaces of many of the roads are showing signs of wear; the macadam at the 68- to 77-Mile posts, part of which was surfaced in 1908, is breaking up, and more money should be appropriated on these roads to maintain them in condition for motor and truck traffic, which is ever increasing. Narrow roads, such as Bridge River, North Fork, and Bonaparte Valley, should be widened at places and timber cut away to 15 or 20 feet on either side of the road. On main roads, such as Cariboo Main, Chilcotin Main, etc., besides the above improvements, dangerous points should be widened or relocated, and earth surfaces, such as exist along the north end of Lac la Hache, gravelled. Culverts in use at present should be discontinued and a more permanent type used, as this item alone takes quite a large portion of the district appropriation to keep in repair.

Yours obediently,

G. B. WHITEHEAD,

District Engineer.

Bridge River Bridge, Lillooet District. Built by day-labour.

Oyster River Bridge on the Island Highway, Comox District.

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REPORT OF ENGINEER, DISTRICT No. 4.

DISTRICT ENGINEER'S OFFICE,
PENTICTON, B.C., June 26th, 1919.

A. E. Foreman, Esq.,
Public Works Engineer, Victoria, B.C.

SIR,—I beg to submit general report in connection with the above district.

This engineering district comprises the Electoral Districts of North Okanagan, South Okanagan, Similkameen, Greenwood, and Grand Forks, embracing the most thickly settled portion of the Interior of the Province, most of which is in the Southern Dry Belt. Its chief geographical features are the Shuswap Lakes (the eastern and southern portion of which it takes in), the waters of the Shuswap River, Okanagan Lake and River, and the watersheds of the Similkameen and Kettle Rivers and their tributaries. It is populated chiefly along the valleys on or adjacent to these waters, and is a district mostly given over to agriculture, fruit-raising, and stock-raising, though the mineral industries in it are very considerable and produce large public revenue. Roughly computed, it includes some 10,500 square miles of the most productive portion of the Interior of British Columbia. Though otherwise divided into electoral divisions, it may be said to consist of the following main areas: (1) The eastern portion of the Shuswap Lakes; (2) the Spallumcheen and Okanagan Valleys; (3) the Similkameen Valley; (4) the valleys on the various branches of the Kettle River; all of which lie in the Gold Range or its outspurs.

Taking everything into consideration, and especially the limited population of the Province, it may be safely stated that the Public Works Department has always met the needs of this district in a very generous manner. At all stages of development it has always been supplied with very good trails, roads, bridges, and other public utilities, as circumstances necessitated.

In this engineering district some 2,280 miles of highway are maintained by the Provincial Department of Public Works, of which some 300 miles can be classified as main trunk roads, 680 miles as second-class roads, and 1,300 miles as local roads.

The Department has hitherto also met half the cost of maintaining portions of certain main trunk roads in some of the municipalities—some twenty miles in all during this fiscal year. New arrangements are now being made to co-operate on some proper basis with municipal authorities, particularly as far as the main trunk roads are concerned.

ROADS.

Former Administrations expended a great deal of the public funds on the roads in this district, and, though much of this money was well spent (as the present number of roads show), still no systematic effort was made to bring about a system of highways which would be of permanent nature and suited to the requirements of modern traffic. Large sums were used for the construction of roads in portions of the district which from their very nature could never be expected to become producing territory, and no systematic effort was made to link up the most important sections with one another.

Under the present administration of the Department an effort is being made to bring about some permanent system of highway-construction which will allow of the public funds being used where most needed and on work of a permanent nature. With this idea in view the roads already constructed have been classified into three groups: (1) Main trunk roads; (2) main district roads; and (3) roads to individual ranches or small settlements.

(1.) *Main Trunk Roads.*—These connect principal points, not only in the engineering district itself, but outside of it. Such a road is the trunk road which starts from the International Boundary-line at Osoyoos and runs due north through Fairview, Penticton, Summerland, Peachland, Kelowna, Vernon, Armstrong, and Enderby to Salmon Arm on the main line of the Canadian Pacific Railway. Others are the trunk road from Vernon to Kamloops and from Princeton (via Osoyoos) to Cascade respectively.

(2.) *Main District Roads.*—An example of these is the Monashee Road, which runs due east from Vernon and is fed by various branch roads along its whole length. On completion to Edgewood (on the Arrow Lake, Kootenay District) this will become a main trunk road.

(3.) *Roads to the Smaller Settlements.*—These are very numerous in this part of the Province. In the past a great deal of money was expended on constructing roads to the home-

steads of individual settlers. In the main these roads are not along surveyed routes, and it cannot be said that any system whatever was used beyond that of providing the settler with some kind of an outlet. The consequence has been a great and very unnecessary duplication of roads, many of which have had to be either relocated or practically abandoned. An effort is now being made to expend money only where it will serve some useful public purpose and be of some service to some community which is capable of producing sufficiently to warrant assistance from the public funds.

Though it is impossible to generalize in a report of this nature (especially as the conditions vary according to locality), still it can be safely stated that the main trunk roads in all this part of the Province are in a very satisfactory condition, considering the small expenditures which it has been possible to make on them during the war. During the fine season (summer and early fall) visitors are very much impressed with the first-class condition of these highways. During the early spring, however, it is usual to have a great many complaints on their condition. The same can be said of practically all the roads in the district, whatever their nature. This can be very simply explained by the following facts:—

(1.) In the portions of the district where there is the most traffic the natural supply of road material is the least suitable for hardening the roads.

(2.) The ever-increasing use of motor-vehicles and especially of motor-trucks. It will be absolutely necessary in the near future to give a hard surface to all portions of the roads in this district where the use of trucks is prevalent.

LABOUR.

Another problem which must be squarely met if the best use of public funds on road-work is to be made is that of the increasing cost of labour. As in other portions of British Columbia, labour is plentiful at certain seasons of the year, but almost unobtainable at others. During the fruit-picking and harvest seasons labour is always scarce, and the practice of the Department in the past has always been to give the actual settler the first chance of obtaining work on the roads. All such facts had a tendency to increase the wages of those employed on road-construction, and will eventually lead to more work being done under contract than in the past. The rate of pay for road-labour is now $4 per eight-hour day.

COST.

It is impossible to give any reliable unit costs relative to the construction of highways in this district. The cost depends on the nature of the road to be built (whether first, second, or third class) and also on the nature of the country through which it passes. In some cases material has to be hauled long distances, while in others first-class gravel, etc., is along the route of the road. The construction of certain roads calls for extensive rock-work or drainage; others simply have to be laid out along flat gravel benches, necessitating little, if any, grading. Consequently any figures which might be given would prove to be misleading.

ROAD MATERIAL.

This district is well supplied with road material of first-class quality, there being large banks and deposits of gravel and shale of the best kind in nearly all sections. However, as previously stated, these are in many instances not situated handy to the centres of heavy traffic near the towns. This necessitates a long haul in many places and the use of trucks or tractors, the demand for which for this purpose will always be on the increase.

The district is well supplied with bridges, no important river or creek crossing being without one. An effort is being made, where possible, to standardize this work, so as to simplify construction and to lessen the cost of production of the necessary bridge material.

BRIDGES.

Some 460 bridges are maintained by the Department along the routes of the roads above mentioned. These vary from small one-span log bridges over small streams to large, modern Howe-truss spans and swing-spans over the main rivers. Bridges of all classes are continually being renewed or repaired. As regards the more important bridges, in most instances the timbers for these have to be brought in from the Coast, and the cost of the bridge largely depends on the

locality in which it is to be constructed; i.e., whether near to or distant from railway transportation. In nearly all instances the ironwork has to be brought in from the Coast, and the unit of cost varies naturally with the nature of the bridge, locality where built, and the condition of the labour market.

The following examples will give some concrete ideas:—

(1.) *Copper Mountain Bridge (Similkameen River), Princeton.*—One 150-foot Howe-truss span, one 100-foot Howe-truss span; length over all, 258.5 feet (material from Coast, built under very adverse conditions). Total cost, $15,520.44.

(2.) *Osoyoos Bridge (Narrows, Osoyoos Lake), Osoyoos.*—Pile trestle, 362 feet over all (material from Coast, delays and difficulties of transportation). Total cost, $4,174.89.

(3.) *Casorso Bridge (Mission Creek) near Kelowna.*—One 50-foot king span, nine pile spans; 236 feet over all (material from Coast, no adverse conditions). Total cost, $3,050.

River and Lake Protection.

This has been necessary in several localities, such as near Kelowna, where various sums have been expended from time to time for the protection of riparian owners. The question of river-protection has hitherto not been taken in hand in any systematic way, but an effort has been made to use small sums at the disposal of the Department to the best temporary advantage. If, however, several of the streams in this region are to be kept in their present channels, some more extensive work must be done under the new "River-bank Protection Act."

Ferries.

In this district both local steamboat services and ferries are subsidized by the Department. In the case of the former the idea is to help settlement and business where the building of roads is not possible. The ferries are virtually part of the system of through roads. The following are in this district:—

Shuswap Lake Steamboat Service.—Takes in all points on the Great Shuswap Lakes, as traffic requires. Operates the year round, except when lakes frozen over.

Kelowna-Westbank Ferry.—This is for the convenience of all classes of traffic on the main trunk road running north and south, and can be said to be part of the system of main trunk roads. It is used the year round and is one of the most-travelled ferries in the Interior.

Summerland-Naramata Ferry.—Maintained for through connection for the settlements at the south end of Okanagan Lake. Saves a round of about twenty miles; operated the entire year.

Dog Lake Steamboat Service.—For passengers and freight to the country south of Penticton and settlements on Dog Lake; not operated in the winter months.

Wharves.

Some forty-two wharves have been kept up at the expense of the Department on Long Lake, Okanagan Lake, and Dog Lake, but arrangements are under way to transfer them to the Federal Department of Public Works, with the exception of some which serve private parties only. Hitherto the expense of constructing and repairing these wharves has been very considerable.

Trails.

In the earlier days trails were very necessary, especially at the period when the greater part of the district had few roads. In recent years these trails have been less and less used, and at the present time the greater number of them are never used. As they were in nearly all instances built out of public funds, they are still public thoroughfares, but with a few exceptions no more money is expended on them. (Some 459 miles of trails are still kept on the lists of the Department in this district.)

An endeavour has been made to co-operate with other Government officials so as to minimize any overlapping and at the same time assist wherever possible. I wish to express appreciation of help received from all my assistants and of the encouragement obtained from the head office.

Respectfully submitted.

Yours obediently,

W. K. Gwyer,

District Engineer.

REPORT OF ENGINEER, DISTRICT No. 5.

DISTRICT ENGINEER'S OFFICE,
COURT-HOUSE,
NELSON, B.C., November 20th, 1919.

A. E. Foreman, Esq.,
Public Works Engineer, Victoria, B.C.

SIR,—I beg to submit general report dealing with the work carried out in West Kootenay during the year 1918-19.

Owing to the fact that the district appropriations were too small for the carrying-out of much construction-work our efforts were directed largely to improving existing roads, either by widening or resurfacing with gravel or crushed rock.

In the Electoral Districts of Nelson, Trail, and Rossland are situated the heaviest-travelled main roads in West Kootenay.

In the Nelson District the principal work consisted in regrading and gravelling Mountain Road, leading to Mountain Station, and Chatham Street, the main traffic artery through Fairview to the Nelson Ferry.

In the Trail Electoral District the Granite Road from Nelson to Taghum was much improved by widening the road-bed, thereby making it safer for the increasing motor traffic. Stretches of this road were also surfaced with good gravel.

From Taghum to Crescent Valley similar work was done, while from Crescent Valley through Pass Creek to the Columbia River only sufficient money was spent to keep the road passable.

During this fiscal year work was commenced on a new power-ferry across the Columbia River at Castlegar to replace the out-of-date pontoon operated by the Doukhobors at Kinnaird (Waterloo). When completed, this ferry will prove a great convenience to through traffic, as it will operate at all stages of water.

A new road was built from the ferry to Castlegar, crossing the railway-tracks on an overhead bridge 116 feet long, this obviating what would have been a dangerous level crossing.

Between Trail and Castlegar considerable improvement was made on China Creek Hill, which in other years was almost impassable, while the whole of the road was kept in fair condition for the auto traffic.

From Trail to Columbia Gardens and Waneta the worst parts of the road were widened, regraded, and gravelled.

From Waneta along the Pend d'Oreille River Road to the Salmon River only repair-work was done, but there are many bad curves on this road which will yet have to be improved and widened.

From Columbia Gardens along the Nelson Waneta Road to Ymir good work was done widening and gravelling, to the general satisfaction and comfort, particularly, of motorists.

The Nelson-Balfour Road was also gravelled and repaired as far as funds would permit.

In the Rossland Electoral District the main roads—namely, the Rossland-Trail Road and Rossland-Paterson Road—were improved by widening, ditching, and surfacing with crushed rock; over 500 tons of the latter having been supplied for this purpose by the Consolidated Mining and Smelting Company for 42 cents per ton f.o.b. Warfield Siding.

In the Kaslo Electoral District the heaviest-travelled main roads are adjacent to Creston, and as considerable motor traffic is steadily developing through the Crowsnest Pass a start was made to improving the road leading from Goatfell through Kitchener to Creston. On this road, between Erickson and Arrow Creek, we commenced work on a diversion which, when completed, will give a grade of 3 to 4 per cent., thus eliminating a long steep hill of over 20 per cent. on the existing road. We hope to continue work of this nature until the road will be on a permanent location with a good grade throughout.

Having to spend money on these diversions, we were thus handicapped for funds to put on gravel or rock surfacing, which is very necessary around Creston and Erickson if the roads are to be kept in shape for the increasing traffic. Around Kaslo the roads leading north and south were kept in good repair, while considerable gravelling was done on the road leading up the South Fork of Kaslo Creek, over which there are a number of mining companies hauling ore

Francois Lake Ferry, Omineca District. A common occurrence.

Skeena Suspension Bridge, Kispiox Road, Omineca District. Built in 1918.

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At Boswell, Ainsworth, Crawford Bay, Kootenay Bay, and other lake points sufficient repairs were made to keep the roads in satisfactory condition.

Repair-work was also undertaken on the Trout Lake-Beaton Road and the Trout Lake-Ferguson Road, the latter being put in shape as far as 10-Mile.

Main trails throughout the Kaslo District were opened up as necessity demanded and as far as the appropriation would allow.

In the Revelstoke Electoral District most of the new work was done on the extension of the Big Bend or Revelstoke North Road. A wagon-road was built as far as 16-Mile Bridge, and from there to 19-Mile Creek (2.33 miles) a 4-foot trail, mostly on wagon-road grade, was put through. Where the trail crosses 17-Mile Creek a wagon-bridge was built instead of a trail-bridge, the bridge being 93 feet long and 38 feet high in the centre. Considerable stretches of this road adjacent to Revelstoke were gravelled, while out in the Eagle Valley, between Craigellachie and Sicamous, the roads were kept in good repair, and good work was done on cleaning out main ditches which had filled in.

In the Arrowhead, Hall's Landing, Galena Bay, Beaton, and Camborne sections repair-work and small road extensions were made to meet the needs of these communities as far as the appropriations would permit.

In the Slocan Electoral District the work done consisted almost entirely of brushing out and repairing existing roads and trails where the work was warranted.

On the Silverton-4-Mile Road a considerable sum had to be expended on repairs owing to the washing-out of the road at several points by high water in the creek and also owing to large snowslides.

The New Denver-Silverton and the New Denver-Rosebery Roads were kept in good repair, but the latter road is in such a poor location, involving a 16-per-cent. grade through loose sand, that next year it is proposed to build a diversion on grades not exceeding 8½ per cent.

Across Carpenter Creek at New Denver three of the king-truss spans were renewed.

In the Slocan Valley, Slocan City, and around Three Forks and Sandon requests for repair-work on roads and trails were complied with as far as possible.

At Arrow Lake points, including Nakusp and the Columbia River Road leading from Nakusp to Fauquier, only sufficient work could be done to keep the roads passable, and the same applies to the districts on the west side of the Columbia River from West Demars to Edgewood and Needles.

In all of this engineering district most of the truss bridges were tightened and repaired, while several smaller structures were either reconstructed or sufficient repairs made to keep them safe for traffic.

In connection with our different ferries, there are two which will require very extensive repairs or complete renewal at an early date—namely, the Kootenay River Reclamation Ferry near Creston and the Nelson Ferry operating on the West Arm of the Kootenay Lake at Nelson. The former of these is at present a current-ferry working from an overhead cable, and as the traffic, especially during the haying season, is gradually increasing, it will probably be necessary when renewing the barge to increase its carrying capacity, which will necessitate installing machinery and a sunk cable.

The Nelson power-ferry is very expensive to maintain and breakdowns are so frequent that it is a continual source of inconvenience to the travelling public. The heavy daily traffic justifies an improved ferry as soon as finances permit.

During this fiscal year the various road officials have endeavoured to get value for money spent. Requests from the general public regarding matters pertaining to the Department have also been attended to as expeditiously as possible. Roads not specifically mentioned herein were generally improved where the traffic permitted and as far as the funds would allow.

One regrettable feature common to this engineering district is that many of the roads have been built in poor locations, necessitating large expenditures on diversion-work, which could have been otherwise used for gravel surfacing had the proper location been obtained in the first instance.

Respectfully submitted.

Yours obediently,

WM. RAMSAY,

District Engineer.

REPORT OF ENGINEER, DISTRICT No. 6.

DISTRICT ENGINEER'S OFFICE,
CRANBROOK, B.C., August 11th, 1919.

A. E. Foreman, Esq.,
Public Works Engineer, Victoria, B.C.

SIR,—I beg to submit the following report:—

This district, coinciding with East Kootenay and comprising the three Electoral Districts of Columbia, Cranbrook, and Fernie, lies in between the summits of the Rockies and the Purcell Ranges, with an altitude varying from 2,400 feet at Gateway to over 10,000 feet on the higher peaks. Through the main interior valley flow the Kootenay River to the south and the Columbia River to the north. All of this territory is of a high altitude and intersected by numerous creeks and rivers. The waterways swell to immense proportions during periods of high water, often doing great damage to bridges, roads, and other valuable property, with consequent high expense to the Public Works Department. Great care has therefore to be exercised in the design of bridge foundations and protection-work.

As the nature of the soil has a decided bearing on the construction and upkeep of roads, it may be remarked that there are extensive belts along the Kootenay and Columbia Valleys of a very fine silt, almost of the consistency of flour, which unless covered thickly by gravel creates clouds of dust on the roads during the long summer drought and wears into numerous chuck-holes under automobile traffic. On the other hand, in some sections long stretches of gravel benches exist with but a thin covering of soil on top, and old trails traversing such formation have lasted for years with little or no attention. Again, there are areas of glacial deposits containing numerous stones and boulders which, while forming a solid foundation, require surface gravelling for smooth riding. Hence, in locating new roads, the kind of local material should be given an important place. The road through the silty soil, requiring the hauling of gravel, will probably have an initial cost of at least three times the one located on the gravelly bench which requires only to be graded, and the subsequent maintenance will be in greater proportion. In view of the ever-increasing automobile traffic and the number of new locations that will have to be made to change many miles of primitive trail into roads with proper grades and alignment, this is one of the important engineering problems in East Kootenay well worthy of careful consideration. In the Elk Valley are found great quantities of gumbo derived from the disintegration of the shales off the coal area, and these form a very slippery road in wet weather, although affording a hard surface in the dry summer season, a fortunate fact in view of the increased automobile traffic at this period. On the Moyie River below the Lower Moyie Lake no suitable gravel is to be found for miles, but there are large quantities of loose rock which might be suitable for crushing. The Department's policy in introducing trucks will enable long stretches to be economically gravelled for the first time, whereas the cost previously by team-haul was prohibitive.

The auto tourist traffic is rapidly increasing every year. A. J. Chisholm, Collector of Customs at Kingsgate, says, in answer to a letter of inquiry: "You will notice that the automobile traffic last year (season 1918) more than doubled the previous year, and it has been so since the highway was opened between here and Cranbrook, and I look for the auto traffic to always increase in the future." A glance at the map will show that, with the completion of the Banff-Windermere Road now under construction, the main valley of East Kootenay will form the natural route for travel between the United States National Parks and cities across the border to the Canadian National Park at Banff and to the City of Calgary. Crossing this district via Crowsnest, Fernie, Cranbrook, and Nelson will be the southern Interprovincial Highway intersecting the north and south trunk highway at Cranbrook, thereby permitting the tourist a choice of a number of routes.

During the season of 1918-19 the appropriations for roads were practically sufficient only for maintenance, but in spite of this considerable permanent improvement was made in the way of grading, widening, draining, and gravelling our main roads and constructing some branch roads, all of which are given in the separate tabulated reports.

Yours obediently,
J. G. CUMMINGS,
District Engineer.

REPORT OF ENGINEER, DISTRICT No. 7.

District Engineer's Office,
Prince Rupert, B.C., November 13th, 1919.

A. E. Foreman, Esq.,
Public Works Engineer, Victoria, B.C.

Sir,—I beg to submit my annual report for the year 1918-19.

Organization.

The reorganization carried out in 1917-18 had its bad effects during that year, but the good results began to be felt more and more in 1918-19 as work progressed. A number of foremen who had been found unsatisfactory were not reappointed. The general foremen and Assistant District Engineer had become intimately acquainted with all the conditions and showed improvement by the ease with which they handled their work, and the discrimination they exercised in dealing with their foremen and with the various applications for work to be done and complaints about work already done. It can safely be said that there has been a very marked improvement all along the line. In spite of the many adverse conditions which will be enumerated later, there has been a general "bucking-up" in the whole staff.

Labour Conditions.

The labour conditions in 1917-18 were bad and in 1918-19 they were worse. The very great demand for skilled woodsmen and miners at high rates of pay made it almost impossible to secure men at all. In some cases Indians *had* to be employed in order to complete works that were undertaken. There were very few returned soldiers available. Wages were raised a minimum of 25 cents per day and the hours shortened to eight hours per day, both facts contributing to the increased cost. It can be said that labour conditions were about as unsatisfactory as possible.

Weather Conditions.

Spring came very late and early summer was very wet indeed. This can be illustrated by the conditions in the rivers. The Skeena River rose to ordinary high-water level early in May and did not recede from that level more than 1 or 2 feet until August 15th. There were very heavy rains in the Bulkley and Nechako Valleys all through July. The fall was stormy and wet.

Costs.

In common with all other operations, public works cost more than ever. Wages were increased and hours shortened. In addition, the cost of plant, supplies, and materials kept going up all the time. Some materials were hard to obtain at any price. A very noticeable falling-off in quality was also apparent.

Roads and Trails.

The very heavy expense required to repair the damage done by the terrific floods of the fall of 1917 was the big factor in last year's work. Those storms revealed all the weaknesses in our road and bridge construction. Pole culverts were broken in and washed out in hundreds and other damage done which has been fully reported upon. It was estimated at the time that there was $150,000 of damage done to public works, only part of which was repaired completely last year. At all times the maintenance of the excessive mileage of roads and trails is bound to be costly. An attempt was made last year to confine the work as much as possible to the main roads, but the trouble is that many of the main roads are so badly located that they have to be revised and rebuilt. Had they been properly located in the beginning, the same money we are now spending on revisions could have been spent to good advantage on gravelling or on extensions. None of our new roads are now built without a careful cruise and survey. The great folly of doing otherwise is becoming more and more apparent. To a great extent the survey-work is being done in winter with the permanent staff when not otherwise employed.

Bridges.

The main step forward in bridge-work has been accomplished by standardizing of designs and the improvement in workmanship. A permanent bridge foreman has been appointed and kept steadily employed. We were face to face with the appalling fact that many of our truss

bridges are not lasting more than ten years. They had been badly designed and constructed, particularly with respect to foundations. To build better structures costs a little more money, but is amply justified. A timber-truss bridge properly built should last at least eighteen years. Beyond a question of doubt we are building better bridges now than formerly.

FERRIES.

The eight ferries on the Skeena River are a big burden to maintain, especially in view of the small amount of traffic accommodated. Three of these were reduced to a boat service. The increased traffic at Terrace made it necessary to build a heavier ferry. A 15-ton pontoon reaction ferry was installed. A great improvement has been made in the designs of these ferries, reducing the strain on the cables and generally improving the service rendered.

GENERAL.

Some very marked changes have taken place in this district. The year 1918-19 will always be remembered as the year when things began to "pick-up." Settlers commenced coming in in considerable numbers to the Omineca; new tie camps were started all along the line of the Grand Trunk Pacific Railway; the coal property on the Telkwa River was opened; three small lumber-mills were started on the Skeena; the spruce-mills of Queen Charlotte Islands were working to full capacity, as also the pulp and paper mills at Ocean Falls and Swanson Bay; the fishing industry tributary to Prince Rupert was never in a more flourishing condition; and the mineral-output increased enormously. The most outstanding development was perhaps in the Portland Canal, due to the reopening of the Premier Gold Mine of Salmon River. In this year it was proven to be an exceedingly fine property. All this development brings with it a demand for better facilities. To adequately provide which, especially in the Coast District, has put a big strain upon our financial resources. That we succeeded in meeting most of the real needs fairly satisfactorily is worthy of note. The temporary collapse of the operations of the Dolly Varden Mining Company at Alice Arm, the high cost of producing gold in the placer camps at Atlin, and the high cost of production generally were the adverse factors.

We must record again the unfailing support and encouragement we have received from the Victoria office and the co-operation of the other departments, particularly the Government Agents.

Respectfully submitted.

Yours obediently,
A. L. CARRUTHERS,
District Engineer.

REPORT OF ENGINEER, DISTRICT No. 8.

DISTRICT ENGINEER'S OFFICE,
SOUTH FORT GEORGE, B.C., June 19th, 1919.

SIR,—I have the honour to submit my annual report for the fiscal year ending March 31st, 1919.

ROAD-WORK.

The original programme of work proposed at the commencement of the working season was not exactly carried out in detail. Such changes were due to the individual appropriations in a number of cases being so small and extra work becoming necessary for various reasons on the more important main roads. Generally speaking, the work consisted of repairs to existing roads, 900 miles being actually worked over.

The new work carried out consisted chiefly of diversions from or extensions to the present road system, the most important of these being the temporary completion of the Dog Prairie-Quesnel diversion in the Cariboo District, seven miles long. This road, with the exception of one mile, has been completely graded and is in fair shape for traffic. It eliminates the "Mud Hill" route, the maintenance of which in past years has been a perpetual expense.

The remaining part of the Borland Hill diversion on the main Chilcotin Road has also been completed, as far as grading is concerned. The total length of this diversion is four miles and a half, two miles and a half having been constructed during the season. The nature of material in some places on this work will necessitate surfacing before the road can be maintained at a minimum expense.

Nechako River Bridge, Fort Fraser. Built by day-labour.

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During the early part of the winter a commencement was made on the new road from Fort George to Quesnel, on the east side of the Fraser River. The work done consisted chiefly of slashing and was partly carried out by returned soldiers.

Settlement roads have been constructed in various parts of the district and minor extensions made to accommodate incoming settlers.

The nature of repair-work done with the funds available was generally satisfactory, but the large mileages of roads and trails in the district which have had to be neglected for several years are becoming in such condition as to require heavy expenditure in order to keep them passable, and I can only strongly suggest complete grading of some of the more important routes, especially in the vicinity of the larger centres, as Fort George, Vanderhoof, Quesnel, etc., where there is an increasing amount of automobile traffic.

The requests for new roads in the outlying districts were very marked, but it was impossible to give much assistance. However, a large number were looked into for consideration next year.

There was a difficulty in procuring labour and horses in some parts of the district, although not sufficient to affect the work in a general way. This was most noticeable in the lower section of the Cariboo District.

My previous report condemned the use of hired teams, and the adoption of mechanical traction should be made in order to overcome the difficulty in this respect.

A road-patrol system was introduced on sections of the Main Cariboo Road between Soda Creek and the 152nd parallel, also between Quesnel and Barkerville. Excellent results were obtained by this method of maintenance. One man, with a single horse and cart employed, with the necessary equipment can do the work of maintaining a finished road with greater economy and produce better results, besides satisfying the travelling public.

A few contracts were let on new work, principally for clearing and burning, as it was found the work could be done much better and cheaper than by day-labour, one advantage being that the right-of-way was completely cleared up instead of brush being allowed to accumulate, as it is often done by a road-gang.

Bridge-work.

A truss bridge was erected over the Nechako River near Fort Fraser; three 100-foot Howe trusses on pile piers with pile approaches form the make-up of this structure. The work was done by day-labour, and, considering the excessive cost of material, etc., was undertaken very reasonably. The workmanship is of the best and every precaution was taken to protect the structure from weather conditions, driftwood, ice, etc.

The Pouce Coupe River Bridge was completed. This is a 60-foot king-truss span on pile piers and approaches, and is the first of its kind to be erected in the Peace River section. Large quantities of grain are taken over this bridge from the farming district of Pouce Coupe to the granary at Spirit River, and it has satisfied a great want in that particular section.

Numerous small bridges were built or repaired in every part of the district, the latter being mostly on account of decay. Very little damage was occasioned by high water.

The new plans and specifications for truss bridges resulting from our annual convention are a great improvement over the old designs, and if properly carried out should materially prolong the life of this class of bridge-work.

Ferries.

Two new ferries were commenced—one on the Nechako River at Hulatt, giving access to settlers residing on the north side of the river to the Grand Trunk Pacific Railroad, and one at McBride over the Fraser River, affording a similar convenience.

A temporary scow was provided at Braeside, on the Nechako River, giving the settlers outlet to Engen Station, on the Grand Trunk Pacific. By the construction of the bridge at Fort Fraser the ferry was eliminated and will likely be used for the new ferry at Braeside.

Generally.

Considerable difficulty was experienced in procuring really capable foremen who may be relied upon from year to year. This means continually educating new men into the methods we desire to adopt, and it is doubtful if this drawback can be overcome until some inducement is given local foremen to become interested parties in the work.

Apart from the necessary small surveys required for the progress of work being carried out, little opportunity was available for field-work.

Several changes were made in the office. The new filing system was introduced and is proving satisfactory.

Automobiles were provided for the general foremen where practicable, making it possible to get over the district more frequently and keep in better touch with the work.

A regrettable accident occurred to one of our general foremen at Quesnel, who was drowned in connection with his duties at the Quesnel Ferry.

Great interest has been shown in the work by the general foremen, and the satisfactory manner in which the work has been attended to throughout the district is to be appreciated.

All of which is respectfully submitted.

Yours obediently,
ARTHUR DIXON,
District Engineer.

REPORT OF SUPERVISING ARCHITECT.

SUPERVISING ARCHITECT'S OFFICE,
DEPARTMENT OF PUBLIC WORKS,
VICTORIA, B.C., January 16th, 1920.

A. E. Foreman, Esq.,
Public Works Engineer, Victoria, B.C.

SIR,—I have the honour to submit the following report on the work carried out in this office during the financial year ending March 31st, 1919:—

PARLIAMENT BUILDINGS.

The vote on these buildings was considerably pruned down from that available in previous years, which has necessitated considerable thought to keep the buildings in repair with the limited funds available and at the same time carry out alterations to various departments, such as those carried out in the Comptroller-General's Department, Museum, Printing Department, and Lands Department, considering that the salaries of two carpenters were chargeable to the vote; this, however, was accomplished without any further sum being voted. With the change in accounting during this year, work carried out for other departments formerly charged against the public-works vote has now been charged against the department concerned; this has necessitated taking particular care of the time and material used on these works and billing the department concerned with the cost each month.

OTHER GOVERNMENT BUILDINGS, VICTORIA.

Extensive repairs have been carried out at the Court-house, with the reorganization of the Police Department, fixing up new quarters for the Sheriff; while the Land Registry has been completely redecorated.

Numerous complaints had been made on the condition of the roof of the Normal School through faulty construction; these defects were difficult to locate, but the repairs made have eliminated practically all of the previous trouble.

OTHER PROVINCIAL BUILDINGS.

Additions, alterations, and repairs have been made to practically all the Government buildings throughout the Province, notably those at New Westminster Mental Hospitals, Girls' and Boys' Industrial Schools, Fernie and Nelson Court-houses, Oakalla Prison Farm, and at various gaols, etc., throughout the Province. At the Mental Hospital, Essondale, the old bunk-house was transformed into an up-to-date temporary hospital, the lower temporary hospital was reorganized, and a new Farm Superintendent's House built, practically all of which was carried out by patient-labour under supervision.

HOSPITALS.

At the request of the Hon. the Provincial Secretary this Department has prepared plans for new hospitals for Nakusp and Fort George, also suggestions have been made and assistance given

R.P. tractor hauling stone, Kamloops District.

Nechako River Bridge, Prince George. General view of the bridge, showing the ice-level with the stringers. December 16th, 1917.

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concerning the preparation of plans for the new additions to Tranquille Sanatorium, and inspection has been made during the progress of the work to see that this Government was receiving value for the grant given to this institution.

SOLDIERS' HOUSING SCHEME.

A start has been made in the plans for the soldiers' housing scheme under the appropriation from the Dominion Government. It is proposed to supply each municipality adopting this scheme with complete plans and specifications for eight different types of houses considered suitable for their need and carry out the actual construction of these in the South Vancouver Municipality. Plans and specifications were also prepared for artisans' dwellings in connection with the Pacific Great Eastern Railway at Squamish.

SUNDRY WORK.

The Saanich Prison Farm has been adapted to house criminally insane and other insane patients; also a considerable amount of work has been carried out for the Game Department and fitting up the new pheasant-farm at Saanich, whilst other works in adapting various buildings for Labour Bureaus and Liquor Vendor stores has also been carried out.

SCHOOL.

Standard plans and specifications have been prepared for the various-sized rural schoolhouses, and the following types have been erected: One room, small, 5; two rooms, 3; four rooms, 2; six rooms, 1; additions, 2; alterations and minor additions, 2.

At the request of the Hon. the Minister of Education this office has prepared plans and specifications and given advice to certain City and Municipal School Boards for proposed new schools, and has reported on various heating schemes for certain city schools with views to improvement, etc.

GENERALLY.

The office wherever possible has endeavoured to assist the Engineering Department in preparation of sundry tracings, curves, etc., and also to assist other departments whenever requested.

I wish to thank you, sir, for your consideration and active interest in the work of this office, and to express my thanks to Mr. Middleton and the various tradesmen for the efficient and harmonious manner in which they have assisted me in the carrrying-on of the work connected with this Branch.

Below is a statement showing the percentage cost of conducting this office on value of work carried out, neglecting such overhead charges as office-rent, light, etc.:—

WORK EXECUTED.

New school buildings, alterations, and additions	$ 95,536 00
Value of work to Parliament and other Government buildings	80,100 07
Value of work for which plans and specifications were prepared but no superivision provided	30,989 00
Total	$206,625 07
Value of work carried out for various departments, charged on time basis	$ 225 00
Total expenses, including salaries	$ 4,080 00
Less work done on time basis	225 00
	$ 3,855 00

This sum being 1.86 per cent. on the value of work executed—viz., $206,625.07.

Respectfully submitted.

Yours obediently,

HY. WHITTAKER,

Supervising Architect.

ROADS AND TRAILS.

MILEAGE OF ROADS AND TRAILS IN UNORGANIZED DISTRICTS.

Electoral District.	Roads, Miles.	Trails, Miles.
Alberni	339.6	338.0
Atlin	393.5	781.0
Cariboo	1,282.0	443.0
Chilliwack	32.0	4.0
Columbia	419.8	580.0
Comox	427.0	116.0
Cowichan	178.0	8.0
Cranbrook	487.5	294.0
Dewdney	75.0	3.0
Esquimalt	305.2	19.4
Fernie	389.5	371.0
Fort George*	965.0	516.0
Grand Forks	257.0	143.0
Greenwood	351.0	50.0
Islands	212.2	20.2
Kamloops	1,336.0	54.0
Kaslo	260.0	715.0
Lillooet	1,745.0	558.0
Nanaimo	52.0	....
Nelson	12.0	....
Newcastle	177.0	45.0
New Westminster	3.0	....
North Okanagan	752.0	180.0
North Vancouver	217.0	55.0
Omineca	730.5	541.5
Prince Rupert	546 8	646.3
Revelstoke	202.0	387.0
Rossland	52.0	48.0
Similkameen	609.0	241.0
Slocan	314.0	236.0
South Okanagan	314.0	358.0
Trail	427.0	318.0
Yale	760.0	138.0
Totals	14,623.6	8,207.4

* Fort George returns include 196 miles roads and 336 miles trails in the Peace River District.

ORGANIZATION CHART – PUBLIC WORKS DEPARTMENT

MINISTER OF PUBLIC WORKS

DEPUTY MINISTER OF PUBLIC WORKS

PUBLIC WORKS ENGINEER

ASSISTANT PUBLIC WORKS ENGINEER

DISTRICT ENGINEERS OFFICES

1	2	3	4	5	6	7	8
VICTORIA	VANCOUVER	KAMLOOPS	PENTICTON	NELSON	CRANBROOK	PRINCE RUPERT	SOUTH FT. GEORGE
DIST. ENGINEER	DIST. ENGINEER	DIST. ENGINEER	DIST. ENGINEER	DIST. ENGINEER	DIST. ENGINEER	DIST. ENGINEER	DIST. ENGINEER
3 ASST. ENGINEERS	3 ASST. ENGINEERS	2 GEN'L FOREMEN	1 ASST. ENGINEER	4 GEN'L FOREMEN	1 ASST. ENGINEER	1 ASST. ENGINEER	1 ASST. ENGINEER
1 GEN'L FOREMAN	1 GEN'L FOREMAN	1 CLERK	4 GEN'L FOREMEN	1 CLERK	2 GEN'L FOREMEN	4 GEN'L FOREMEN	2 GEN'L FOREMEN
1 CLERK	1 CLERK		1 CLERK		1 CLERK	1 CLERK	1 CLERK

SPECIAL OFFICES

INSPECTOR OF FACTORIES	INSPECTOR OF DYKES	INSPECTOR OF ELECTRICAL ENERGY	STEAM BOILER INSPECTOR
1 INSPECTOR	INSPECTOR	CHIEF INSPECTOR	CHIEF INSPECTOR
1 ASST. INSPECTOR	2 CLERKS	ASST. INSPECTOR	13 ASST. INSPECTORS
1 STENOGRAPHER	3 CARETAKERS		4 STENOGRAPHERS

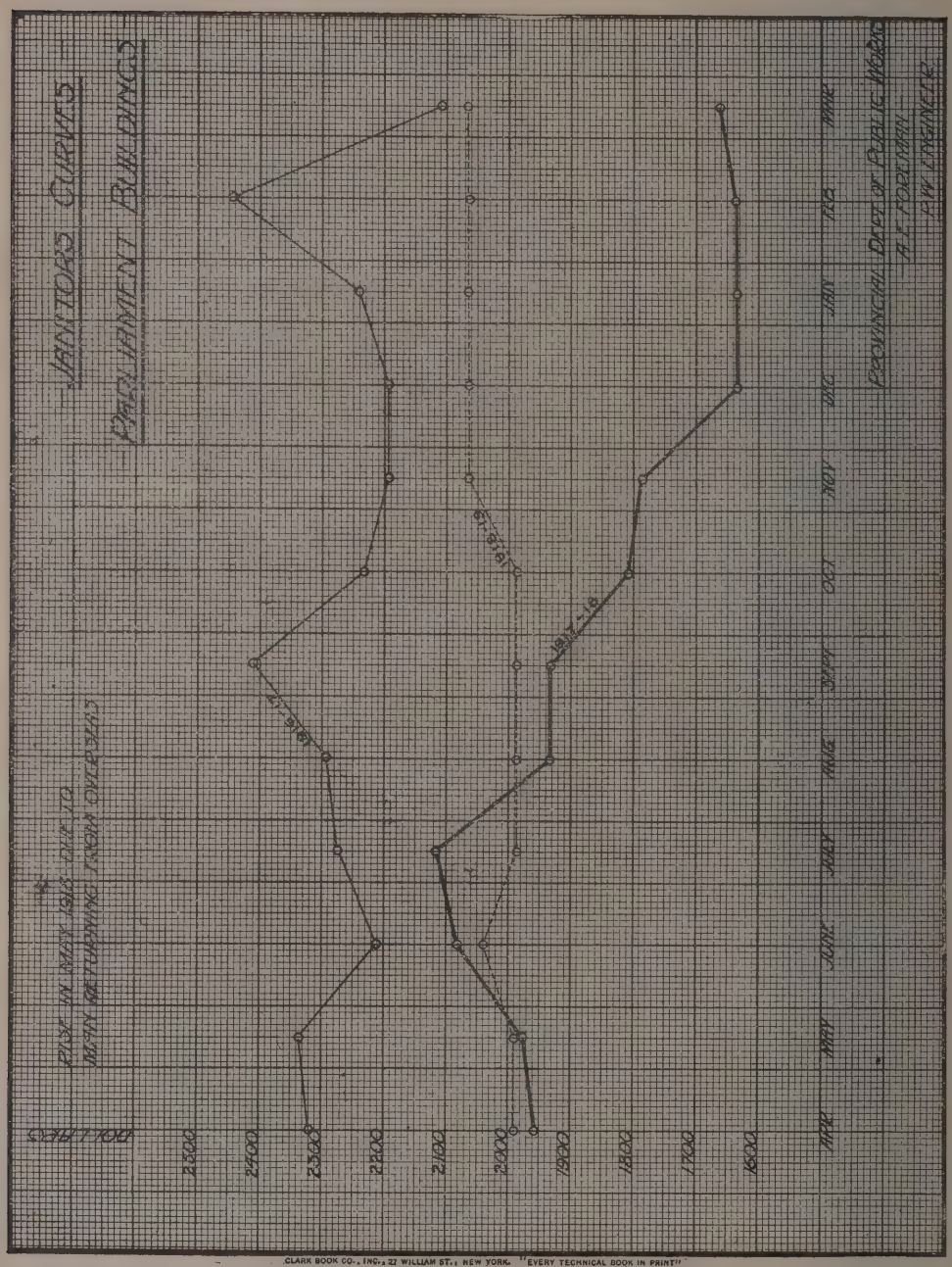
HEAD OFFICE, PARLIAMENT BUILDINGS, VICTORIA, B.C.

OFFICE ENGINEER		PROV'L BRIDGE INSPECTOR	CHIEF CLERK & ACCOUNTANT	JANITORS	GARAGE	TELEGRAPH OPERATOR	GROUNDS	SUPERVISING ARCHITECT		
DESIGNING ENGIN'G (ACTING)	GENERAL OFFICE								BOILER ROOM	CARPENTERS
CHIEF DRAUGHTSMAN	1 SENIOR CLERK	1 INSPECTOR	ASST. ACCOUNTANT	CHIEF JANITOR	MECHANIC	1 OPERATOR	CHIEF GARDENER	1 DRAUGHTSMAN	1 ENGINEER	CHIEF CARPENTER
1 DRAUGHTSMAN	1 FILING CLERK		4 CLERKS	29 JANITORS		1 MESSENGER	3 GARDENERS	2 DRAUGHTSMEN (TEMP'Y)	1 PLUMBER	2 CARPENTERS
	2 JUNIOR CLERKS						GOV'T HOUSE	BUILDING INSPECTORS (TEMP'Y)	1 ELECTRICIAN	
	4 STENOGRAPHERS						CHIEF GARDENER		3 FIREMEN	
	2 STENOGRAPHERS (TEMP'Y)						6 GARDENERS			

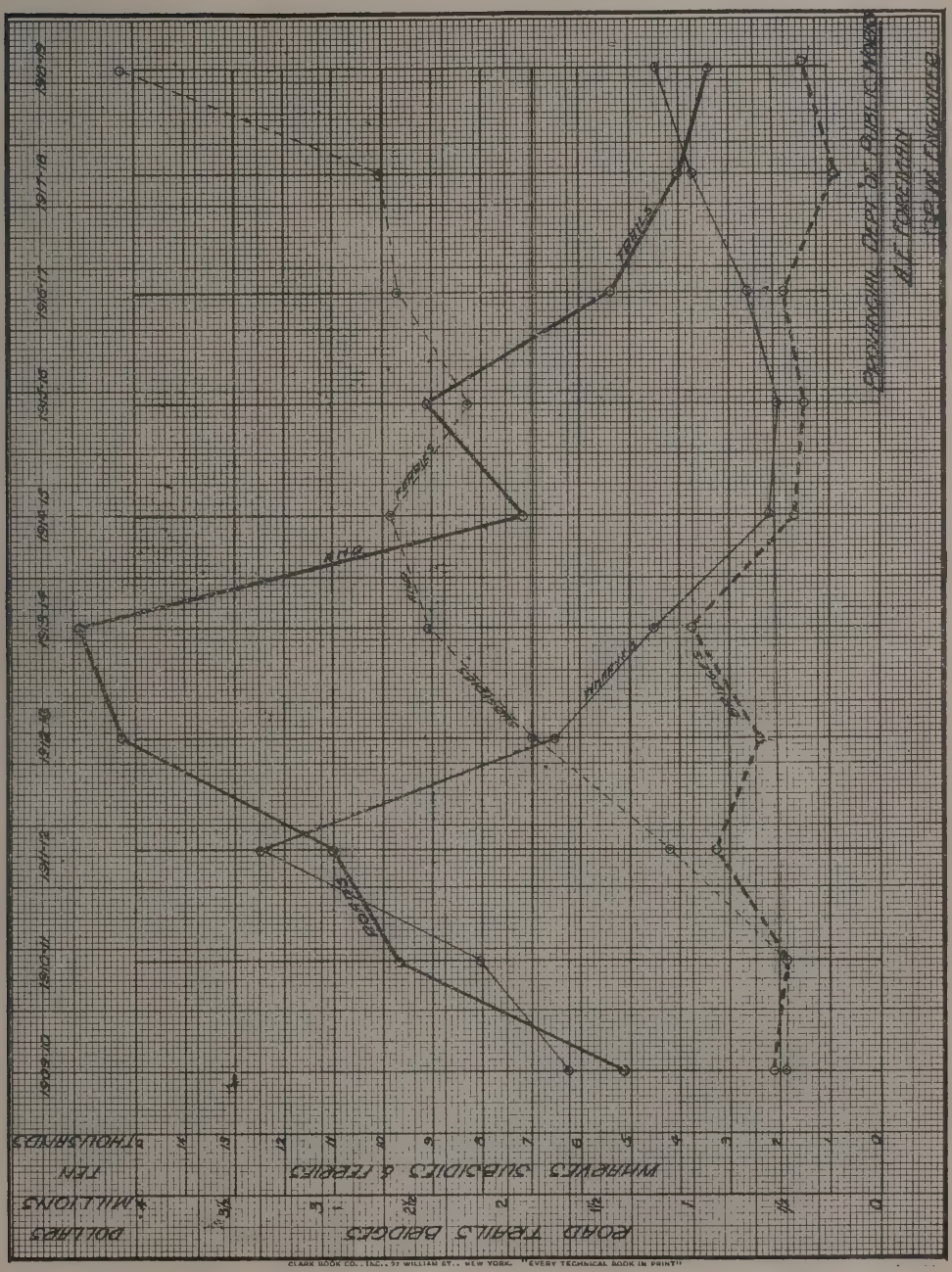
APPROVED

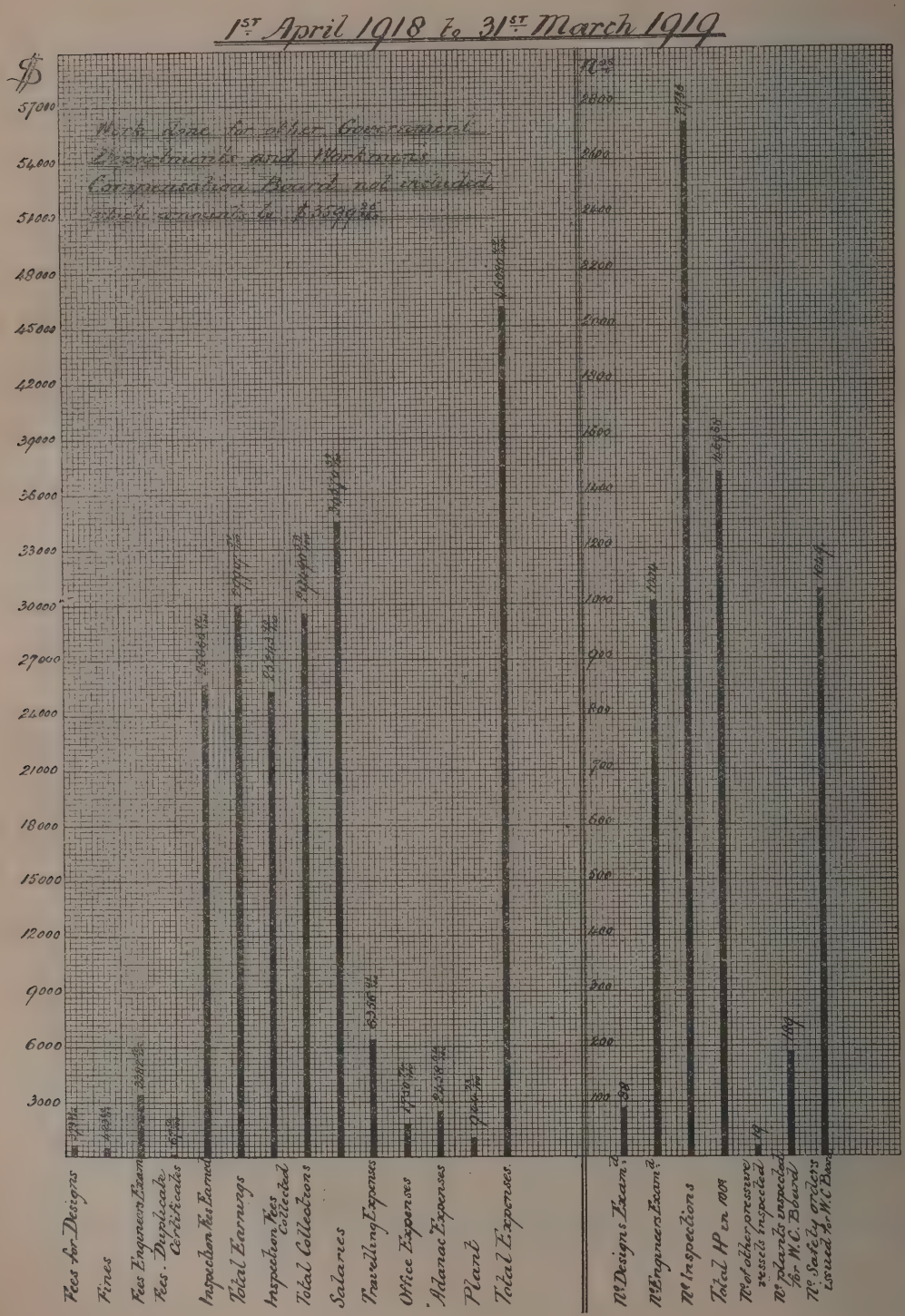
A E Foreman

PUBLIC WORKS ENGINEER



CLARK BOOK CO., INC., 27 WILLIAM ST., NEW YORK "EVERY TECHNICAL BOOK IN PRINT"


ROAD TRAILS BRIDGES
HIGHWAYS SUBSIDIES & FERRIES
DOLLARS
MILLIONS
TEN
THOUSANDS
CLARK BOOK CO., INC., 57 WILLIAM ST., NEW YORK. "EVERY TECHNICAL BOOK IN PRINT!"


1st April 1918 to 31st March 1919
$
57000
54000
51000
48000
45000
42000
39000
36000
33000
30000
27000
24000
21000
18000
15000
12000
9000
6000
3000
No.
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
900
800
700
600
500
400
300
200
100
Work done for other Government Departments and Workmen's Compensation Board not included. Total amounts to $35590.85
Fees for Designs
Fines
Fees Engineers Exam.
Fees. Duplicate Certificates
Inspection Fees Earned
Total Earnings
Inspection Fees Collected
Total Collections
Salaries
Travelling Expenses
Office Expenses
Almanac Expenses
Plant
Total Expenses
No Designs Exam.d
No Engineers Exam.d
No Inspections
Total HP en. non
No of other pressure vessels inspected
No plans inspected for M.C. Board
No Safety orders issued for M.C. Board

ERRATA.

The cut on page 28 should have been placed after page 107, Report of Chief Inspector of Machinery, to which it belongs.

INVENTORY OF ROAD MACHINERY AND PLANT, 1918-19.

Electoral District.	Automobiles.	Auto-trucks.	Carts.	Cars.	Compressors.	Concrete-mixers.	Derricks.	Donkey-hoists (Gasolene).	Donkey-hoists (Steam).	Engines (Gas).	Engines (Steam).	Graders.	Horses.	Mechanical Loaders.	Oiling-machines.	Pile-drivers.	Pile-drivers (Hammers only).	Ploughs.	Pumps.	Rollers (Horse).	Rollers (Gasolene).	Rollers (Steam).	Road-drags.	Rock-crushers.	Rowboats and Canoes.	Sawmills (Portable).	Scrapers.	Tents.	Traction-engines, Tractors.	Wagons.	Wagons (Sprinkling).	Wagons (Water).	Winches.
Alberni	1	....	3	....	....	....	....	....	1	....	....	5	....	....	....	1	....	9	....	2	....	....	6	....	2	....	21	7	....	1	....	....	....
Atlin	....	....	4	2	....	....	....	....	2	....	....	2	....	....	....	2	....	4	....	....	....	....	....	....	3	....	11	23	....	2	....	....	....
Cariboo	1	....	7	....	....	....	..	....	....	....	....	14	6	....	....	2	....	23	....	2	....	....	5	....	....	....	8	23	1	18	....	1	....
Chilliwack	....	....	....	6	1	....	....	....	1	....	....	3	....	1	....	....	....	2	..	1	....	....	3	1	..	....	4	1	....	....	....	....	....
Columbia	1	....	4	....	....	....	....	....	....	....	....	11	....	..	....	1	....	29	....	2	..	....	....	....	2	....	41	9	....	22	....	..	....
Comox	1	1	5	....	....	....	....	....	....	....	....	3	....	....	....	2	....	4	1	1	1	....	11	....	....	....	8	6	1	6	....	....	....
Comox (Strathcona Park)	....	....	6	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	1	19	....	2	....	....	....
Cowichan	1	....	2	....	....	....	....	....	....	....	....	2	....	....	....	2	2	6	....	....	1	....	8	....	..	....	7	....	....	6	....	....	3
Cranbrook	2	....	....	....	....	....	2	....	....	....	....	8	....	....	....	2	....	11	....	....	1	....	....	....	....	....	26	24	1	2	....	....	....
Delta	1	1	3	....	....	....	....	....	....	....	....	5	....	....	....	1	....	11	....	....	1	....	5	....	....	....	26	....	....	4	1	....	1
Dewdney	1	1	4	....	1	....	....	....	....	1	....	7	1	....	2	1	....	4	2	1	....	2	....	1	....	....	16	1	1	1	....	....	....
Esquimalt	2	1	1	....	....	....	....	....	....	1	....	7	....	....	....	....	....	15	1	1	1	....	2	1	....	....	9	12	1	12	....	....	....
Fernie	1	....	....	....	....	....	....	....	....	....	....	7	....	....	....	1	....	9	..	1	....	....	....	....	....	....	13	19	....	....	....	....	....
Fort George	2	....	3	....	....	....	....	....	1	....	....	5	15	....	....	2	....	10	....	....	....	....	....	....	2	....	16	29	....	7	....	....	....
Grand Forks	1	..	....	2	1	....	....	....	1	....	1	....	....	....	....	....	....	6	....	1	1	....	3	1	....	....	7	7	....	2	1	....	....
Greenwood	1	....	6	....	....	....	....	....	....	....	....	6	....	....	....	....	....	10	....	1	....	....	5	....	....	....	28	12	..	....	....	....	....
Islands	....	....	....	....	....	....	....	....	....	....	....	3	....	....	....	....	....	8	....	1	....	....	....	....	....	....	11	2	....	2	....	....	....
Kamloops	2	....	6	....	....	....	....	....	....	....	1	10	8	....	....	2	....	8	....	....	1	....	..	1	....	....	11	6	1	13	....	....	....
Kaslo	....	....	3	....	....	....	....	....	....	....	....	4	....	....	....	1	....	....	....	....	....	....	2	....	....	....	15	7	....	....	....	....	....
Lillooet	1	....	2	4	....	1	....	1	....	2	3	10	4	....	....	....	2	15	5	....	..	1	4	1	....	1	7	25	1	26	....	....	1
Nanaimo	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Newcastle	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	1	1	2	....	....	....	....	0	....	....	....	3	....	....	....	....	....	1
North Okanagan	2	....	....	1	....	....	....	....	1	1	....	11	....	....	....	1	2	30	1	....	....	....	4	....	....	....	32	....	3	7	....	....	2
North Vancouver	....	....	....	....	....	....	....	....	1	....	....	1	....	....	....	3	....	6	....	....	....	....	....	....	....	1	9	10	....	....	....	....	....
Omineca	1	....	2	....	....	....	....	....	....	....	....	5	21	....	....	1	....	18	....	....	....	....	....	....	1	....	27	34	....	12	....	....	....
Prince Rupert	....	....	4	2	....	....	....	1	....	....	....	3	....	....	....	1	2	12	....	1	....	....	2	....	2	....	19	1	....	10	....	....	2
Revelstoke	1	....	....	....	....	....	....	1	1	1	....	4	....	....	....	....	1	10	....	1	1	....	1	....	..	....	24	14	....	5	....	....	....
Richmond	1	....	....	....	....	....	....	....	1	2	1	2	....	....	1	....	....	4	3	1	....	....	....	....	2	....	3	5	2	....	....	1	1
Rossland	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....
Similkameen	1	....	8	....	....	....	....	....	....	....	....	14	....	..	....	1	1	21	....	3	....	....	5	....	1	....	83	18	....	....	....	....	....
Slocan	....	....	....	....	....	....	....	....	1	....	....	2	....	....	....	....	....	8	....	....	....	....	....	....	....	....	14	5	....	....	....	....	....
South Okanagan	1	....	....	2	....	....	2	....	....	....	....	7	....	1	1	1	1	18	....	1	....	1	9	1	....	....	19	....	1	3	....	....	....
Trail	1	....	10	6	1	....	1	....	....	....	....	3	....	....	....	1	..	10	....	....	....	....	....	....	....	....	23	16	....	6	....	....	....
Yale	1	....	....	....	....	....	....	....	....	....	....	10	9	....	....	....	2	11	....	....	....	....	1	....	....	..	13	20	....	11	....	....	....
Totals	28	4	83	25	4	1	5	3	11	8	6	176	66	2	4	30	14	335	13	21	8	4	85	7	17	2	555	356	13	183	2	2	11

VALUATION OF PLANT, ETC.

STATEMENT AS AT MARCH 31ST, 1919.

Electoral District.	Large Plant.	Tools.	Camp Equipment.	Horses and Harness.	Total for Equipment.	Total for Material.
Alberni	$ 4,933	$ 1,208	$ 103	....	$ 5,344	$ 51
Atlin	3,037	1,445	926	$ 750	6,158	1,699
Cariboo	9,650	2,663	764	950	14,027	91
Chilliwack	9,168	584	149	....	9,901	....
Columbia	10,308	654	633	646	12,241	196
Comox	5,185	1,086	156	....	6,427	323
Cowichan	5,633	574	....	....	6,207	....
Cranbrook	9,267	1,710	1,475	....	12,452	148
Delta	7,922	367	80	....	8,369	....
Dewdney	9,221	277	....	....	9,498	....
Esquimalt	13,862	770	158	....	14,790	35
Fernie	3,936	1,270	856	....	6,062	671
Fort George	3,865	2,775	1,163	3,200	11,003	610
Grand Forks	8,345	381	198	....	8,924	196
Greenwood	5,000	1,500	1,000	....	7,500	....
Islands	754	500	16	....	1,270	....
Kamloops	9,951	1,071	733	1,585	13,340	1,782
Kaslo	1,010	942	118	....	2,070	477
Lillooet	10,070	1,000	675	650	12,395	130
Nanaimo	....	231	....	....	231	....
Newcastle	681	454	....	....	1,135	....
North Okanagan	6,706	3,227	....	....	9,933	572
North Vancouver	1,762	482	443	....	2,687	35
Omineca	7,769	1,050	844	3,348	13,011	348
Prince Rupert	3,745	1,603	334	50	5,732	2,536
Revelstoke	4,554	2,582	692	....	7,828	....
Richmond	5,435	395	350	59	6,239	72
Rossland	....	63	39	....	102	....
Similkameen	4,002	2,161	290	....	6,453	65
Slocan	1,767	682	107	....	2,556	120
South Okanagan	6,661	249	....	....	6,910	....
Trail	4,090	1,923	305	....	6,318	72
Yale	1,725	1,255	800	1,050	4,830	....
Totals	$179,114	$37,134	$13,407	$12,288	$241,943	$10,229

Grand total, plant, etc. $241,943 00
„ materials only 10,229 00

STATEMENT OF EXPENDITURE.

Salaries and Expenses.

VOTE 186—SALARIES, $7,800; EXPENSES, $1,965; S.W., $60; TOTAL, $9,825.

Salaries		$ 7,860 00
Expenses:		
Travelling	$1,372 60	
Office supplies	591 27	
		1,963 87
Total		$ 9,823 87

(Includes bonus, $60.)

VOTE 187—SALARIES, $36,540; EXPENSES, $4,800; S.W. AND STATUTORY, $1,421.25; TOTAL, $42,761.25.

Salaries		$ 37,506 47
Expenses:		
Travelling	$1,729 28	
Office supplies	3,499 31	
		5,228 59
Total		$ 42,735 06

(Includes bonus, $1,190.)

VOTE 188—SALARIES, $25,200; EXPENSES, $12,500; SW. AND STATUTORY, $1,870; TOTAL, $39,570.

Salaries		$ 27,070 00
Expenses:		
Travelling	$8,072 40	
Office supplies	3,713 85	
		11,786 25
Total		$ 38,856 25

(Includes bonus, $820.)

VOTE 189—SALARIES, $37,980; EXPENSES, $14,886; S.W., $30; TOTAL, $52,896.

Salaries		$ 34,572 68
Expenses:		
Travelling	$6,537 06	
Office supplies	2,124 88	
Launches	2,420 01	
Testing instruments, etc.	1,281 84	
		12,363 79
Total		$ 46,936 47

(Includes bonus, $30.)

VOTE 190—SALARIES, $4,820; EXPENSES, $1,160; TOTAL, $5,980.

Salaries		$ 4,820 00
Expenses:		
Travelling	$ 856 95	
Office supplies	57 67	
		914 62
Total		$ 5,734 62

VOTE 191—SALARIES, $5,004; EXPENSES, $1,945; TOTAL, $6,949.

Salaries		$ 5,003 00
Expenses:		
Travelling	$1,358 35	
Office supplies	236 22	
		1,594 57
Total		$ 6,597 57

VOTE 192—SALARIES, $2,100; EXPENSES, $11,768; S.W., $300; SUPPLEMENTARY, $800; TOTAL, $14,968.

Salaries		$ 2,400 00
Expenses:		
Fuel and light	$2,096 25	
Maintenance and repairs to buildings	1,116 02	
Gardens	7,522 06	
Ground-rent	420 90	
Miscellaneous	1,413 53	
		12,568 76
Total		$ 14,968 76

VOTE 193—SALARIES, $41,700; EXPENSES, $33,299; S.W. AND STATUTORY, $7,411.56; TOTAL, $82,410.56.

Salaries		$ 49,111 56
Expenses:		
Fuel and light	$16,971 23	
Maintenance and repairs	3,337 37	
Gardening	4,079 00	
Scavenging and Janitors' supplies	1,688 55	
Taxes	1,028 76	
Special Guard	766 00	
Garage, salaries	$1,740 00	
„ expenses	1,717 74	
	3,457 74	
Miscellaneous	594 27	
		31,922 92
Total		$ 81,034 48

Roads, Streets, Bridges, and Wharves.

VOTE 194—ESTIMATES, $1,427,040; SPECIAL WARRANTS, $171,450; TOTAL, $1,598,490.

ROADS, TRAILS, AND STREETS.

Alberni District.

Road—Alberni	$ 2,511 96
„ Banfield Creek-Salt Water	395 60
„ Beaver Creek-Bainbridge	780 45
„ Beaver Creek, No. 1	406 82
„ Beaver Creek-Loop, No. 6	25 00
„ Beaver Creek-Wharf Road	93 00
„ Bellview, No. 164	143 50
„ Biological	67 37
„ Briggs and Crossan, No. 102	34 36
„ Cache Creek, No. 59	250 60

Alberni District—Continued.

Road—Cape Scott Main, No. 7	$	330 44
„ Central Lake, No. 10		150 48
„ Chatsworth		38 00
„ Cherry Creek, No. 11		44 50
„ China Creek, No. 19		10 11
„ Church Hill, No. 109		95 75
„ Clayoquot-Ucluelet, No. 18		577 83
„ Departure Bay, No. 111		55 50
„ Drinkwater, No. 22		50 25
„ Errington Cross, No. 117		141 37
„ Evans		100 00
„ Faber's, No. 24		106 75
„ Fisherman Bay, No. 7		50 21
„ Grafton Avenue, No. 21		153 01
„ Grandview, No. 27		23 25
„ Hillier's, No. 125		219 50
„ Holberg-Cape Scott, No. 33		347 21
„ Kilpatrick, No. 35		25 50
„ Kitsuksis, No. 34		75 25
„ Lagoon		63 38
„ Lake Shore, No. 38		24 75
„ Lefller		7 75
„ Lot 19, Nanoose		400 00
„ Lovell's, No. 7		10 45
„ Lowry and Craig, No. 129		50 25
„ Milltown, No. 45		47 70
„ Mission, No. 46		26 98
„ Moore's		16 00
„ Morello's, No. 132		26 25
„ McCoy Lake, No. 47		119 25
„ Nanaimo, No. 48		1,308 45
„ North-west Bay		152 00
„ Noal and Bland		104 50
„ Parksville Cross		135 75
„ Peninsula-Ucluelet		108 25
„ Ponsford		25 25
„ Port Alberni-4-Mile Creek		10 50
„ Quatsino (sundry), No. 93		231 31
„ San Josef-Lake Erie, No. 33		254 67
„ School-house		50 00
„ Sea Otter Cove, No. 95		78 87
„ Sproat Lake, No. 56		183 25
„ Somers		25 00
„ Starkey and Stewart's, No. 151		101 00
„ Stranby, No. 59		55 76
„ Sundry, Alberni (east)		53 50
„ Swayne's		24 62
„ Temple and Reid, No. 155		102 75
„ Thompson's, No. 60		56 25
„ Turner and Rutherford		111 25
„ Victoria-Campbell River, No. 156		10,005 74
„ Wadey's		122 07
„ Walker and Marvin, No. 63		21 75
„ Ward's, No. 157		48 00
„ Weigle and Jones		507 75
„ Wellington (old town), No. 159		82 36

Alberni District—Continued.

Road—Wither's, No. 64		$ 44 25
Trail—Shown, No. 58		4 50
Bridge—Rodger Creek		1 75
Camp equipment		40 50
Motor-boat Account		26 20
Plant and tools		423 00
General roads		200 80
Supervision—Assistant Engineers	$2,431 10	
„ Office	511 45	
„ Auto Account	1,319 64	
		4,262 19
Total		$ 27,063 12

Atlin District.

Road—Ayansh-Grease Harbour	$ 92 40
„ Alice Arm Ferry-Kitsault Ferry	68 50
„ Atlin-McKee Wagon	16 50
„ Atlin-Surprise	367 85
„ Bear River	1,809 75
„ Big Horn Wagon	85 00
„ Birch Creek	90 90
„ Boulder Creek	553 70
„ Casca	326 50
„ Fourth of July	92 50
„ Glenora	386 00
„ Grease Harbour-Cranberry	92 40
„ Highland Avenue and Government Lots	48 00
„ Klehini River Wagon	511 00
„ Ruby Creek	175 00
„ Salmon River	497 75
„ Spruce Creek	796 10
„ Stevendyke	31 80
„ Wright Creek	33 45
Trail—Ayansh-Sand Creek	2,824 35
„ Atlin-Juneau	471 95
„ Bonanza Creek	40 50
„ Dease	353 00
„ Glacier Creek	215 00
„ Illiance	272 10
„ Indian River	737 50
„ Kincolith-Mill Bay	111 50
„ Kitsault	124 50
„ Knappen	63 75
„ McKee Creek	185 35
„ Mission	230 00
„ Nass River	12 15
„ Nass Harbour-Echo Cove	556 90
„ O'Donnel	22 65
„ Port Nelson-Avondale	87 00
„ Teslin	580 00
Street—Atlin	123 20
„ Discovery	29 00
„ Stewart	10 40
„ Telegraph	45 76
Camp equipment	40 25

Atlin District—Continued.

Plant and tools		$ 430 45
Supervision—General Foreman	$2,016 25	
„ General Foreman	1,253 80	
„ Launch Account	17 15	
„ Office	26 75	
		3,313 95
Total		$ 16,956 31

Cariboo District.

Road—Alexandria Ferry (east)	$ 130 99
„ Alexandria Ferry (west)	31 87
„ Alexandria-Quesnel	255 34
„ Alexis Creek-Chilanko Forks	96 00
„ Alexis Creek-Nazko River	519 50
„ Antler-McKenna	140 00
„ Barkerville-Fraser River	484 50
„ Barkerville-Van Winkle	40 00
„ Beaver Valley	799 50
„ Beaver Lake-Beavermouth	139 20
„ Beaver Pass Bulkhead	180 00
„ Beedy Creek	150 75
„ Big Prairie-White's Landing	50 00
„ Blackwater-Quesnel	138 12
„ Borland Hill	1,725 41
„ Cariboo Main	5,342 03
„ Chilcotin Main	1,274 46
„ Chilcotin-Soda Creek	433 57
„ Chimney Creek-Springhouse	85 75
„ Chezacut	7 20
„ Dale's Landing	7 50
„ Dog Prairie-Quesnel	7,279 31
„ Dragon Lake	1,245 84
„ Dragon Lake (east)	757 48
„ 8-Mile Lake	24 00
„ Harpers Camp-Horsefly	187 25
„ Horsefly-Woodjam	161 87
„ Mission	45 50
„ 108-Mile-Harpers Camp	285 49
„ 108-Mile-Horsefly	1 00
„ 150-Mile House-Hamilton Meadows	82 50
„ 150-Mile House-Harpers Camp	1,836 00
„ 150-Mile-Quesnel Forks	1,086 04
„ 150-Mile House-Springhouse	250 25
„ 153-Mile Post-Horsefly	308 75
„ 177-Mile-Beaver Lake	380 75
„ Quesnel-Blackwater	234 62
„ Quesnel-Fort George	324 87
„ Quesnel-Nazko	1,433 41
„ Quesnel-Quesnel Canyon	56 25
„ Quesnel-Quesnel Forks	1,056 62
„ Redstone-Chezacut Lake	709 25
„ Soda Creek-Alexandria	187 50
„ Soda Creek-Mackin Creek	410 88
„ Soda Creek-Williams Lake	380 00

Cariboo District—Continued.

Road—Tertiary Mine		$ 204 00
„ Tributary to Barkerville		12 00
„ Upper Horsefly		591 16
„ Williams Lake-Springhouse		616 84
„ Winter		1,250 30
Trail—Cottonwood-Hydraulic		147 24
„ Keithley		400 50
„ Willow River		390 47
Street—Quesnel		57 05
Dam—Quesnel		56 00
Bridge approach—Crib-work, Quesnel Bridge		54 50
Camp equipment		123 50
Material		1,633 34
Plant and tools		1,172 22
Stable		8,150 28
General roads		369 52
Supervision—General Foreman	$4,612 05	
„ Auto	104 45	
„ Office	165 78	
		4,882 28
Total		$ 50,838 22

Special Warrant No. 26.

Mrs. H. Drinkrow, grant equivalent to two months' salary of the late H. Drinkrow, General Foreman	$ 300 00

Chilliwack District.

Road—Abbotsford-Riverside	$ 2,132 15
„ Abbotsford-Huntingdon	1,748 87
„ Abbotsford-Townsite	348 07
„ Abbotsford-West Yale	2,864 73
„ Chilliwack River	186 00
„ Columbia Valley	310 70
„ Huntingdon Townsite	222 05
„ Rock Bunkers-Gifford	25 85
„ Rosedale-Agassiz Ferry	137 00
„ Sumas Mountain	236 50
„ Vedder Mountain Quarry	66 00
„ Yale-Chilliwack-Rosedale, No. 35	2,606 24
„ Yale-Chilliwack-Vedder, No. 36	2,066 74
„ Yale-Vedder-Prairie, No. 33	3,315 62
„ Yale-Vedder-Vye	2,047 77
Approach—Vedder River	100 90
Camp equipment	2 88
Plant and tools	404 36
Auto	255 10
Assistant Engineer	1,226 80
Office	19 15
	$ 20,323 48

Columbia District.

Road—Athalmer Dyke	$ 411 50
„ Athalmer-Windermere	38 50
„ Banff-Windermere	41 00
„ Beard's Creek	161 15
„ Blaeberry School	10 50

Columbia District—Continued.

Road—Brisco Lower Ferry		$ 243 50
„ Brisco Upper Ferry		93 60
„ Campbell		346 61
„ Forster's Landing		82 35
„ Golden-Donald (lower)		554 67
„ Golden-Donald (upper)		648 59
„ Golden and vicinity		1,079 00
„ Grail Mine		58 00
„ Holmes-Deacon		211 02
„ Horse Thief		554 75
„ Hynes		41 06
„ Invermere Siding		150 00
„ Johnson		32 75
„ Kettleson		112 00
„ Laughlin's		31 00
„ Main Trunk (east side)		3,449 75
„ Main Trunk (west side)		4,552 11
„ Oberg-Johnson		146 80
„ Palliser		50 75
„ Toby Hill		5 00
„ Toby (Jack Pine-Paradise Mine)		1,281 92
„ Toby Creek Cut-off		1,004 38
„ Sinclair		21 00
„ Windermere Cemetery		12 25
„ Windermere Loop		64 25
„ Wilmer Pontoon		25 00
„ Wilmer and vicinity		56 25
Street—Invermere		24 00
Camp equipment		522 91
Material		488 26
Plant and tools		1,228 03
General roads		155 25
Supervision—Assistant Engineer		2,222 95
„ Office		269 29
„ Auto		425 93
Total		$ 20,907 63
Total expenditure	$21,438 64	
Less transferred to Bridges, teaming	$143 97	
„ transferred to Protection of River-banks	387 04	
	531 01	
Net expenditure	$20,907 63	

Comox District.

Road—Anderton, No. 1	$ 244 50
„ Back, No. 3	669 00
„ Bridge Cross, No. 27	171 50
„ Burns and Parkin, No. 5	132 50
„ Butcher's, No. 6	3 50
„ Cache Creek-Shushartie, No. 24	229 71
„ Cessford, No. 17	77 87
„ Comox-John Hardie, No. 13	199 75
„ Concession, Nos. 1 and 31	33 00
„ Concession, No. 2	245 30
„ Cortes Island, No. 23	795 67

Comox District—Continued.

Road—Courtenay-Comox, No. 12	$	491 50
„ Cowie's, No. 14		299 00
„ Creech, No. 16		1,100 25
„ Crossing, No. 3, Salmon River Bridge		41 25
„ Cumberland-Comox Lake, No. 11		398 50
„ Cumberland-Courtenay		1,903 82
„ Cumberland-Dove Creek, No. 10		122 50
„ Cumberland-Roy		851 10
„ Denman Island, No. 33		684 85
„ Fanny Bay Station, No. 35		75 00
„ Fraser and Harrington, No. 34		367 00
„ Grant and Mounce		44 00
„ Hardy, No. 41		11 25
„ Hardy Bay-Coal Harbour		50 00
„ Hawkins, No. 39		17 50
„ Higgins and Knight, No. 38		580 75
„ Hodgins Cross		52 00
„ Hornby Island		650 80
„ Huband, No. 40		153 25
„ Kelland's, No. 48		4 00
„ Lake Trail-City Limits, No. 52		234 75
„ Lake Trail-No. 7 Mine, No. 51		830 40
„ Lake Trail-Power-house, No. 53		18 00
„ Lasqueti Island		538 75
„ Little River, No. 55		777 25
„ Lot No. 117, No. 86		109 00
„ Lot No. 231		49 00
„ Malcolm Island, No. 72		324 55
„ Maruya		263 00
„ Marsden and Kilpatrick, No. 61		609 47
„ Milligan and Parkins, No. 65		199 25
„ Minto School		5 00
„ Muir and Hawkins, No. 63		19 50
„ McQuillan and Piercy, No. 69		118 27
„ Powell River-Cranberry Lake, No. 75		220 47
„ Powell River-Grief Point, No. 79		616 60
„ Powell River-Lund, No. 57		453 11
„ Powell River-Olsen		520 00
„ Rennison's Cross, No. 29		54 00
„ Ryan and Hudson		10 50
„ Ryan Cross		92 50
„ Salmon River		584 75
„ Sandwick-Bridge's, No. 91		841 86
„ Smith Cross, No. 26		153 90
„ Texada Island, No. 107		1,204 43
„ Thunder Bay-Wolfson Bay		177 90
„ Torrent's		8 00
„ Union Cross, No. 25		30 00
„ Urquhart's, No. 108		23 00
„ Valdes Island, No. 109		938 50
„ Victoria-Campbell River		12,550 22
General roads		364 72
Camp equipment		55 00
Plant and tools		3,680 81
Tool-house, Courtenay		294 40

Comox District—Continued.

Supervision—Assistant District Engineer	$2,751 06	
" Auto	1,392 98	
" Launch	64 25	
" Office	1,036 01	
		5,244 30
Total		$ 42,915 78
Less credit by City of Courtenay for gravel		135 00
Total		$ 42,780 78

Cowichan District.

Road—Bazett, No. 1	$ 175 60
" Beach, No. 2	374 40
" Bear Valley, No. 3	31 50
" Bench	74 55
" Cameron-Taggart, No. 7	212 60
" Cavin's	19 50
" Chapman, No. 10	23 00
" Cherry Point, No. 19	18 62
" Cowichan Lake	1,275 25
" Cowichan Lake (north shore)	102 50
" Cowichan Lake (south shore)	152 50
" Deloume, No. 25	36 88
" Dighton	51 55
" Duncan-Sahtlam	188 65
" Fisher, No. 26	229 50
" Garland Avenue, No. 25	35 35
" Glenora Cross	68 00
" Glenora, No. 27	70 05
" Halhed	100 00
" Hall and Hawkins	24 00
" Hillbank	15 75
" Hinks-Parry, No. 33	97 80
" Hopkins Swamp, No. 34	38 50
" Indian, No. 36	351 05
" Jackson	23 00
" King Solomon Mines	93 88
" Koksilah Flats, No. 38	32 80
" Koksilah-Riverside, No. 40	210 23
" La Fortune	50 50
" Lakeside, No. 41	121 00
" Livingston-Dingwall, No. 44	35 60
" Miller	58 45
" McKinley-Doup	74 30
" Old Koksilah, No. 55	513 02
" Old Victoria	700 70
" Riverside Drive	20 00
" Sahtlam	323 62
" Shawnigan Lake, No. 65	382 25
" Shawnigan Lake Road Crossing at Mile 22.12	93 86
" Shawnigan Lake-Mill Bay	324 36
" Telegraph	261 26
" Thains	189 70
" Victoria-Campbell River	7,363 47
" West Arm	134 00
" Wilson	91 39

Cowichan District—Continued.

Trail—Clo-oose		$ 283 60
Camp equipment		35
Plant and tools		37 75
Supervision—Assistant Engineer	$623 85	
„ Office	446 06	
„ Auto	430 14	
		1,500 05
Total		$ 16,686 24

Cranbrook District.

Road—Baldwin's-Mennie's	$ 196 88
„ Booth Creek, No. 64	25 50
„ Campbell Creek Flume	35 00
„ Casey	109 75
„ Cranbrook City	1,344 40
„ Cranbrook City-Exhibition Ground, No. 62	10 50
„ Cranbrook City-Fort Steele via Mission, No. 3	1,032 94
„ Cranbrook City-Gateway, No. 4	92 78
„ Cranbrook City-Kimberley, No. 2	1,732 94
„ Cranbrook City-St. Mary River, No. 45	52 00
„ Cranbrook City-Wycliffe	3,867 15
„ Eager Hill-Fort Steele	434 65
„ Gold Creek Settlement	56 00
„ Ha-ha Settlement	880 61
„ Kimberley-North Star	204 00
„ Kootenay Orchards	155 30
„ Main Trunk (Cranbrook-Goatfell)	1 25
„ Main Trunk (Cranbrook-Moyie)	1,662 04
„ Main Trunk (Cranbrook-Wardner)	6,141 76
„ Main Trunk (Cranbrook-Wattsburg)	15 00
„ Main Trunk (Moyie-Goatfell)	2,042 29
„ Main Trunk (Moyie-Swansea)	485 00
„ Main Trunk (Moyie-Yahk)	1,008 97
„ Main Trunk (Yahk-Kingsgate)	164 68
„ Marysville-St. Mary Lake, No. 18	227 00
„ Meadowbrook Settlement	1,510 90
„ Mission-Fort Steele	10 50
„ Mission-Wasa, No. 5	6 00
„ Morrison Colony	62 00
„ Moyie Flume, No. 51	435 25
„ New Lake, No. 59	10 50
„ Old Perry Creek	59 50
„ Perry Creek from Crother's	19 38
„ Slaterville, No. 61	115 09
„ St. Eugene Mine	218 75
„ St. Mary, No. 73	471 50
„ St. Mary-Prairie Settlement	73 00
„ Wanklyn School, No. 66	35 00
„ Wardner-Gateway, No. 40	705 63
„ Wasa Bridge-Canal Flats	201 62
„ Wasa-Skookumchuck	15 00
„ Yahk-Meadow Creek, No. 37	86 50
Trail—Hell Roaring Creek (East Fork), No. 14	260 25
„ Perry Creek	12 25
„ St. Mary Main (South Fork)	14 00
„ St. Mary River (West Fork)	222 50

Cranbrook District—Continued.

Trail—Whitefish, No. 10		$ 214 00
Street—Wardner, No. 50		73 26
Camp equipment		304 67
Plant and tools		1,182 42
General roads		554 81
Supervision—General Foreman	$584 13	
„ Auto	338 60	
„ Office	39 31	
		962 04
Total		$ 29,815 71

Delta District.

Road—Pacific Highway		$ 8,738 14
„ Rock-quarry-Cloverdale		80 89
„ Scott		2,000 00
„ Yale		6,083 16
Plant and tools		1,340 63
General roads		225 37
Supervision—Assistant Engineer	$804 32	
„ Auto	230 13	
„ Office	118 91	
		1,153 36
Total		$ 19,621 55

Dewdney District.

Road—Barker	$ 4 00
„ Bouchier Mill	294 80
„ Brealy	28 20
„ Davis and Tupper	43 25
„ Deroche, No. 12	33 00
„ Deroche-Athey	41 50
„ Dewdney Trunk, Section 1	1,214 00
„ Dewdney Trunk, Section 2	4,408 98
„ Dewdney Trunk, Section 3	1,987 89
„ Dewdney Trunk, Section 4	1,982 95
„ Dewdney Trunk, Section 6	197 75
„ Dewdney Trunk, Section 7	1,300 61
„ Dewdney Trunk, Section 8	971 58
„ Dewdney Trunk, Section 9	500 11
„ Dyke, No. 24	66 00
„ Hammond, No. 28	6 50
„ Hammond Front, No. 27	50
„ Hatzic Front, No. 32	20 00
„ Hatzic Prairie, No. 33	271 00
„ Hatzic Prairie-Sylvester, No. 34	300 00
„ Hawkins	270 23
„ Hyde and Baker, No. 36	263 20
„ Ioco	6,012 51
„ Johnston, No. 39	46 10
„ Kilpatrick, No. 88	150 00
„ Macauley, No. 51	50 00
„ Malcolm, No. 41	50 00
„ Mission-Stave Lake, No. 52	348 79
„ Mission Townsite	5,806 25
„ McDonald, No. 46	16 00
„ McIntyre, No. 47	2 00
„ McNeil-Rennie-Campbell, No. 48	505 46

Dewdney District—Continued.

Road—McRae, No. 49		$ 15 50
„ Neaves, No. 54		55 12
„ Newton, No. 55		12 00
„ Nicomen Island Dyke		61 70
„ Nicomen Island Trunk, No. 56		1,038 35
„ North Nicomen, No. 59		217 30
„ Pickles, No. 62		304 36
„ River Road (south), No. 65		12 00
„ Ruskin-Star Falls, No. 66		849 28
„ Sharp, No. 68		58 00
„ Shook and McEwan, No. 70		10 00
„ Silverdale, No. 71		1,687 81
„ Stave Lake		22 50
„ Sterling and Morrison, No. 75		189 61
„ Sunnyside (north)		490 31
„ Thompson, No. 77		4 00
„ Tremblay, No. 79		70 50
„ Upper Pitt Valley, No. 81		124 30
„ Whonnock Front		813 38
General		75 00
Plant and tools		1,392 78
Supervision—General Foreman	$2,053 57	
„ Auto	614 50	
„ Office	80 05	
		2,748 12
Total		$ 37,445 08
Less credit by Imperial Oil Co. (Ioco Road)		10,000 00
Total		$ 27,445 08

Esquimalt District.

Road—Admiral's	$ 437 23
„ Approach to Sooke Lake	188 00
„ Albert Head	18 19
„ Atkins	9 75
„ Calvert's	44 74
„ Colwood	834 34
„ Craigflower	9 75
„ Deakin's	39 00
„ Deloume	19 50
„ Duke's	7 60
„ Dunford's	111 18
„ Elliott's	50 37
„ Finlayson Arm	53 30
„ Fitzgerald	293 00
„ Goldstream	1,377 12
„ Goldstream Cross	101 15
„ Gordon	22 50
„ Happy Valley	418 40
„ Hart's	5 00
„ Helmcken	8 00
„ John's Creek	10 56
„ Jordan River	555 74
„ Kemp	418 17
„ King's	5 00
„ Latoria	52 25
„ Maple Avenue	8 01

Esquimalt District—Continued.

Road—Metchosin		$ 552 33
„ Metchosin Cross		47 25
„ Millstream		211 28
„ Millstream Lake		7 50
„ Munn's		10 75
„ Murray's		24 50
„ Otter Point		1,466 49
„ Parkinson		100 75
„ Phillips		49 50
„ Porier's		7 25
„ Quarantine		254 24
„ Rocky Point		268 09
„ Robertson's		50 06
„ Ross-Durrance		3,483 24
„ San Juan (east side)		246 59
„ Sawyer		11 37
„ Section 15 (Sooke)		52 50
„ Shawnigan Lake		191 62
„ Sherringham		14 61
„ Shirley		358 07
„ Sooke		1,569 08
„ Sooke (east)		461 11
„ Sooke (west)		212 50
„ Sooke Lake		27 85
„ Sooke River		233 19
„ Sooke Wharf		24 50
„ Station		14 25
„ Summit		2 44
„ Swannick		28 00
„ Sylvester		117 88
„ Taylor		69 50
„ Vancouver Island Trunk		2,434 86
„ Wharf-Port Renfrew		30 00
„ Woodruff's		22 75
„ Young's Lake		36 10
Trail—McDonald's		60 56
Camp equipment		115 10
Plant and tools		1,899 11
Stable		226 20
Supervision—General Foreman	$1,098 50	
„ Auto	813 01	
„ Office	958 72	
„ Launch	30 69	
		2,900 92
Total		$ 22,991 74
By credit		250 00
Total		$ 22,741 74

Fernie District.

Road—Approach to Kootenay River Bridge	$ 28 86
„ Approach to Wild Horse Bridge	55 00
„ Baynes-Flagstone	24 50
„ Cokato	43 50
„ Elko-Baynes	47 25
„ Elko-Jaffray	1,326 54

Fernie District—Continued.

Road—Elko-Morrissey		$ 4,000 10
„ Elko-Roosville		498 50
„ Elko-South Fork		150 00
„ Elko-Waldo		716 00
„ Elk Valley		586 60
„ Fernie-Coal Creek		540 98
„ Fernie-Cedar Valley		445 50
„ Fernie-Hosmer		1,928 34
„ Fernie-Morrissey		1,118 00
„ Flagstone-Gateway		266 75
„ Flathead Valley		50 00
„ Fort Steele-Bull River		2,016 06
„ Fort Steele-Canal Flats		47 00
„ Fort Steele-Wasa		701 67
„ Fort Steele-Wild Horse		244 25
„ Hosmer-Michel		755 00
„ Jaffray-Wardner		32 00
„ Main Trunk		87 25
„ Michel-Crowsnest		4,105 56
„ Michel-Elk Prairie		17 00
„ Waldo-Flagstone		470 00
„ Waldo-Gateway		143 00
„ Wardner-Bull River		1,100 83
„ West Fernie		28 40
Street—Fort Steele		19 50
„ Natal		16 00
Camp equipment		120 85
Plant and tools		825 68
Supervision—General Foreman	$1,989 15	
„ Office	126 86	
„ Auto	742 46	
		2,858 47
Total		$ 25,414 94

Fort George District.

Road—Braeside		$ 131 84
„ Daykin		1,020 27
„ Dewey (west)		53 00
„ Dunster (east)		100 00
„ Dunster-Holiday Creek		253 58
„ Engen		61 50
„ Finlayson		333 75
„ Fort Fraser Settlement (east)		1,376 17
„ Fort Fraser Settlement (west)		1,719 13
„ Fort George-Blackwater		393 58
„ Fort George-Chief Lake		851 08
„ Fort George-Stony Creek		2,051 78
„ Fort George-Summit Lake		3,522 86
„ Fort George-Willow River		1,168 46
„ Fort George-Woodpecker		2,044 94
„ Fort St. James-Manson Creek		152 50
„ Fort St. James-Necoslie		90 00
„ Giscome Rapids		638 32
„ Giscome Station (south)		35 25
„ Grande Prairie-Pouce Coupe		2,618 24
„ Greer Valley		666 77

Fort George District—Continued.

Road—Henderson			$ 330 22
„ Henningville-Canoe River			42 00
„ Hofercamp			342 61
„ Hixon Creek			71 24
„ Hunt-Lull			202 50
„ Huxon Creek			18 65
„ Hulatt (north)			1,384 92
„ Hulatt (south)			353 48
„ Isle de Pere			22 06
„ Kelley			7 00
„ Mapes-Stony Creek			130 87
„ Mirch Lake			300 00
„ Miworth (south)			926 35
„ Mud River Valley, No. 19			98 00
„ Mud River Valley (south)			487 33
„ McBride			268 53
„ McBride (west)			1,498 62
„ Ness Lake			429 78
„ Nichol-Bednesti			737 09
„ Peace River			62 62
„ Pinker Settlement			168 25
„ Pouce Coupe-Spirit River			737 50
„ Pouce Coupe-Upper Dawson			247 12
„ Quesnel-Fraser Lake			688 16
„ Schafer			312 16
„ 6-Mile-Buckhorn Lake			18 75
„ Smith			95 63
„ Stella (east)			165 50
„ Tachie			70 50
„ Tsinkut Lake-Cottonwood			61 30
„ Tsinkut Lake-Stuart Lake			2,333 68
„ Upper Dawson			396 38
„ Vanderhoof-Sackner			94 63
„ Vanderhoof-Stuart Lake			168 83
„ Vanderhoof (south)			1,044 70
„ Vanderhoof-Sturgeon Point			1,483 69
„ Vanderhoof-Tsinkut Lake			53 75
„ Vanderhoof (west)			36 93
„ Willow River			378 30
„ Willow River-Giscome Portage			256 13
Approach—Bave Bridge			142 62
General roads			2,021 44
Camp equipment			757 58
Material			663 45
Plant and tools			2,393 35
Supervision—General Foreman	$4,750 82		
„ Auto	692 73		
„ Office	578 94		
			6,022 49
Total			$ 48,010 31

Grand Forks.

Road—Bear Creek-Pass Creek			$ 2,308 73
„ Cascade-Fife, No. 3			56 00
„ Cascade-Laurier, No. 4			217 50
„ Cascade-Paulson, No. 45			1,130 25

Grand Forks District—Continued.

Road—Christina Lake (west), No. 7		$ 47 50
„ Deep Creek, No. 8		434 25
„ English Cove-Head of Lake, No. 9		53 00
„ Fife-Christina Lake, No. 10		137 50
„ Granby Addition-Phoenix, No. 12		38 50
„ Grand Forks-Carson (north), No. 13		66 50
„ Grand Forks-Carson (south), No. 14		292 25
„ Grand Forks-Cascade (south), No. 16		247 45
„ Grand Forks-Cascade (north), No. 15		1,424 76
„ Grand Forks-Eholt, No. 75		50 75
„ Grand Forks-Franklyn, No. 18		2,065 80
„ Grand Forks-Hardy Mountain		205 50
„ Grand Forks-Mill Creek, No. 24		21 00
„ Grand Forks-Pass Creek, No. 20		871 50
„ Grand Forks-Summit City, No. 21		885 15
„ Hartford Junction-Boundary-line, No. 23		26 25
„ Moody Creek-Cascade, No. 25		174 00
„ Morrissey Creek (east), No. 26		340 75
„ Morrissey Creek (west), No. 27		130 38
„ Norway Mountain-Paulson, No. 28		63 00
„ Phoenix-Greenwood (north), No. 29		155 75
„ Phoenix-Greenwood (south), No. 30		147 00
„ Phoenix-Summit City, No. 32		380 50
„ Subdivision Lot 152		28 00
„ Subdivision Lot 184-1475		21 90
„ Subdivision Lot 500		66 75
„ Subdivision Lot 519		85 75
„ Subdivision Lot 534		119 50
„ Subdivision Lot 535		28 00
„ Sutherland Creek-Fife, No. 31		289 00
Trail—Saunders Creek		49 00
Plant and tools		374 50
Camp equipment		10 00
Supervision—General Foreman	$1,863 30	
„ Office	101 38	
„ Auto	673 20	
		2,637 88
Total		$ 15,681 80

Greenwood District.

Road—Aginsinger's Ranch	$ 44 50
„ Anaconda, No. 1	218 17
„ Baker Creek, No. 2	106 50
„ Beaver Creek, No. 3	185 00
„ Beaverdell Station, No. 4	27 00
„ Bridesville-Molson, No. 6	50 25
„ Boundary Creek, No. 5	337 50
„ Camp McKinney-Rock Creek	45 50
„ Carmi-Penticton	43 25
„ Carne-Depot	221 50
„ Caron, No. 9	356 25
„ Deadwood-Copper Camp, No. 10	450 00
„ Eholt-North Fork, No. 43	49 00
„ Eholt-Summit Camp, No. 11	546 50
„ Great Northern Railway-Letts	869 25
„ Greenwood-Eholt, No. 13	710 00

Greenwood District—Continued.

Road—Greenwood-Midway, No. 14		$ 835 50
„ Greenwood-Phoenix, No. 15		444 50
„ Hartley-Phoenix, No. 16		49 50
„ Ingram Mountain, No. 17		397 25
„ Kerr Creek, No. 19		209 00
„ Kettle River (East Fork)		339 50
„ Kettle River (West Fork)		675 35
„ Letts-Higginbotham, No. 23		71 50
„ Long Lake-Jewell Mines, No. 25		117 50
„ Lynn Creek, No. 26		298 00
„ Main Kettle River, No. 21		1,313 50
„ Myer's Creek, No. 28		163 50
„ McCarren Creek, No. 27		237 50
„ Nicholson Creek, No. 30		386 00
„ Rock Creek-Midway, No. 29		835 35
„ Rock Creek-Myncaster, No. 32		225 25
„ Rock Creek-9-Mile, No. 33		1,950 00
„ Rock Mountain, No. 36		167 90
„ Rock Mountain-Bridesville, No. 35		120 00
„ Rock Mountain-Myncaster, No. 32		93 75
„ Sally Mine, No. 37		328 38
„ Sidley-Camp McKinney		141 50
„ Sidley Mountain, No. 38		185 58
„ Twin Creek, No. 39		55 00
Plant and tools		184 40
General roads		34 05
Supervision—General Foreman	$1,930 72	
„ Office	76 51	
„ Auto	584 85	
		2,592 08
Total		$ 16,711 51

Islands District.

Gabriola Island—		
Road—Centre		$ 7 50
„ Degnen's		98 94
„ Eastholme		16 25
„ Gray's		100 00
„ Griffith's		64 60
„ Howie's		13 00
„ Main (north)		14 20
„ Main (south)		81 75
„ Main (east)		50 75
„ Main (west)		332 12
„ Martin's		53 60
„ Murray's		210 75
„ Paterson's		70 00
„ Patricia Park		40 75
„ Taylor		10 00
„ Troop		65 56
„ Wharf		46 00
General		22 95
Galiano Island (North)—		
Road—Cook's		56 43
„ North End		165 02
„ Main		63 76

Islands District—Continued.

Galiano Island (South)—	
Road—Bellhouse	$ 7 84
„ Bluff	20 74
„ Burril	164 06
„ Main	105 53
„ North End	23 84
Mayne Island—	
Road—David's	31 99
„ Hooten	20 00
„ Lighthouse	90 50
„ Main	142 31
„ Neil's	70 00
„ Point Comfort	74 05
„ Robson's	152 50
„ Village Bay	123 29
North Saanich—	
Road—Birch	157 25
„ Breed's	129 71
„ Centre	4 25
„ Davis	76 96
„ Deep Cove	59 35
„ East	726 95
„ Horth's Cross	94 75
„ Marine Drive	59 25
„ Mount Newton	31 25
„ Swartz's Bay	122 12
„ Tatlow	18 50
„ Tyron's	208 34
„ West	493 75
Street—Sidney	748 64
General	36 98
North Pender Island—	
Road—Bedwell	97 50
„ Browning Harbour	300 87
„ Higgs	20 00
„ Hooson	437 06
„ Hope Bay	213 71
„ Otter Bay	64 75
„ North Pender	14 00
„ Port Washington	128 58
„ Spalding's	37 25
General	19 87
Saltspring Island (North)—	
Road—Ayers	36 86
„ Atkins	33 50
„ Beddis	52 00
„ Broadwell	33 88
„ Canal	12 34
„ Cranberry	354 51
„ Divide	178 58
„ Dodd's	9 75
„ Eperon	11 75
„ Fernwood	47 50
„ Ganges School	3 25
„ Lower Ganges	374 75
„ Mansell's-Ganges	166 49

Islands District—Continued.

Road—McFadden's		$ 68 57
„ North End		128 62
„ Rainbow		25 00
„ Robinson's		244 23
„ Rossman's		21 50
„ Scott		10 75
„ Stark's		22 50
„ Tripp		106 25
„ Upper Ganges		275 63
„ Vesuvius		157 48
„ Walters		66 87
„ Walter Hook		15 00
General		342 50
Saltspring Island (South)—		
Road—Beaver Point		428 72
„ Burgoyne Bay		444 06
„ Fulford Main		456 33
„ Hill and Branford		30 00
„ Isabella Point		21 50
„ Smith's		298 50
Saturna Island—		
Road—Main		267 38
„ Payne's		50 00
„ East Point		194 00
Thetis Island—		
Road—Andrews		12 75
„ Nixon's		2 00
„ Thetis		164 88
„ Wharf		36 68
Plant and tools		336 34
Supervision—General Foreman	$1,095 40	
„ Office	728 45	
„ Auto	15 80	
„ Launch "Douglas"	71 58	
„ Launch "I'll Away"	2,264 14	
		4,175 37
General roads		56 19
Total		$ 16,702 45
Credit by Dominion Government for use of launch "I'll Away"		121 40
Total		$ 16,581 05

Kamloops District.

Road—Adams Lake		$ 115 00
„ Barriere River		198 00
„ Beaton-Fish Lake		388 91
„ Blind Bay-Eagle Bay		461 50
„ Campbell Creek		227 10
„ Campbell Meadows		77 00
„ Chase Creek		7,868 10
„ Chase-Squilax		102 00
„ Chase Town		421 29
„ Clearwater		97 00
„ Coal Hill-Sugar Loaf		82 75
„ Copper Creek		36 00
„ Croning, mile north of Tappen		83 00

Kamloops District—Continued.

Road—Demmon-Green		$ 858 25
„ Douglas Lake-Grande Prairie		182 00
„ Ducks-Grande Prairie-Falkland		981 03
„ Ducks Range		200 83
„ Gifford		29 50
„ Harpers Camp		263 27
„ Kamloops-Anglemont		802 88
„ Kamloops-Nicola		1,518 77
„ Kamloops-Savona		1,008 18
„ Kamloops-Shuswap		5,435 78
„ Kamloops-Tranquille		1,540 37
„ Long Lake		246 25
„ Louis Creek		331 96
„ Martin's Prairie		184 17
„ Millard-Lazard		564 30
„ Moberly-Tappen		298 29
„ Notch Hill-Blind Boy-Greers		107 50
„ Notch Hill Crossing		83 30
„ Notch Hill-Tappen		454 82
„ Notch Hill West-Squilax		44 00
„ North Thompson (east side)		2,737 36
„ North Thompson (west side)		2,043 26
„ Oxley Valley		56 50
„ Paxton Valley		252 55
„ Peterson-Betts		60 00
„ Pritchard Crossing		83 50
„ Reserve Creek		1,011 23
„ Rose Hill		343 50
„ Salmon Arm Municipality		250 00
„ Shuswap-Kault-Salmon Arm		997 55
„ Squilax-Churn Creek		156 84
„ Sullivan-Peacock		29 00
„ Sullivan Valley		64 75
„ Tappen-Carlin		159 00
„ Tappen Crossing		250 00
„ White Lake		66 00
Camp equipment		1,139 53
Plant and tools		1,608 94
Supervision—General Foreman	$1,920 85	
„ Office	108 88	
„ Auto	684 72	
		2,714 45
Total		$ 39,317 06
Total expenditure	$40,901 60	
Less amount teaming transferred to Bridges	1,584 54	
Net expenditure	$39,317 06	

Kaslo District.

Road—Ainsworth (north)	$ 215 75
„ Ainsworth (south)	625 75
„ Alice	4 50
„ Arcola	3 50
„ Argenta	148 85
„ Beach	7 00
„ Blue Bell Mine	45 50

Kaslo District—Continued.

Road—Boswell-La France	$	248 05
„ Brown and Beavan		4 50
„ Canning		62 50
„ Canyon-Porthill		417 29
„ Central		21 00
„ Coffee Creek		138 50
„ Crawford Creek		85 25
„ Creston-Erickson		171 25
„ Creston-Goat River Bottom		40 50
„ Creston-Kitchener-Goatfell		2,528 72
„ Creston-Kuskanook		140 50
„ Creston-Porthill		845 25
„ Creston-Sirdar		419 45
„ Creston-Summit Creek		858 50
„ Daisy		10 50
„ Dismuth		50 00
„ Duncan River (west)		126 00
„ Erickson		20 50
„ Gardner		74 00
„ Hamill Creek		217 25
„ Holmgren		99 00
„ Hood-Medford		35 50
„ Hope		50 75
„ Houston		66 50
„ Howser-Argenta		709 87
„ Howser-Lardeau River		64 55
„ Johnson		31 50
„ Kaslo Creek (North Fork)		97 50
„ Kaslo Creek (South Fork)		3,354 50
„ Kaslo (North Fork)		259 00
„ Kaslo (South Fork)		391 25
„ Kaslo (south)		569 19
„ Kaslo (South Fork)		517 00
„ Krao		50 75
„ Lardeau River (east)		106 75
„ Lynchville		461 83
„ Meadow Creek		192 25
„ Mirror Lake, No. 2		460 27
„ McKim's		12 00
„ McMurtrie-Stewart		72 00
„ Peters		50 50
„ Pilot Bay		57 75
„ Queen's Bay-Balfour		284 25
„ Queen's Bay		78 57
„ Samuelson		15 00
„ Sanca-Boswell		279 34
„ Spokane		100 00
„ Summit Creek		19 00
„ Trout Lake-Beaton		572 25
„ Trout Lake—10-Mile		2,391 61
„ Utica		496 49
„ Wadd's		127 25
„ Whitewater		30 00
„ Wilmot		393 75
„ Winslow		20 50
„ Woodberry Creek (North Fork)		444 40

Kaslo District—Continued.

Trail—Alpine	$	84 00
„ Aralu, No. 4		63 00
„ Beaver Hill		15 00
„ Bjirkness Creek		10 50
„ Blue Ridge		15 00
„ Brown Creek		11 50
„ Caledonia		29 00
„ Canadian		9 00
„ Canyon Creek		17 50
„ Cascade Creek		334 15
„ Circle City-Old Gold		16 00
„ Coffee Creek		66 00
„ Constock		42 00
„ Cooper Creek		21 00
„ 8-Mile		22 50
„ Emerald Hill		15 00
„ Ethel		9 00
„ Eureka		45 00
„ Extension		7 50
„ Ferguson (northern)		7 00
„ Flint		101 50
„ Gainor Creek		16 00
„ Gallagher		42 00
„ Gold Gulch		16 00
„ Great Britain		10 50
„ Hall Creek		187 85
„ Howser Lake (east)		49 00
„ La France Creek		152 25
„ Lardeau River (North Fork)		44 50
„ Lardeau River (South Fork)		70 00
„ Lardeau River		110 40
„ Leviathan		8 75
„ Lockhart Creek		105 00
„ Lucky Boy		28 00
„ Murphy Creek		151 00
„ Poplar Creek		14 00
„ Rolfe Mountain		84 00
„ Ross Pass		14 00
„ Silver Cup		7 00
„ Silver Glance		109 25
„ Silver King		10 50
„ Spring Creek		132 75
„ Stanley		22 00
„ Summit Creek		149 50
„ Swede Group		22 50
„ Tenderfoot		35 00
„ Triune		20 50
„ Trout Lake (east side)		18 50
„ Victoria Basin		124 25
Street—Creston		281 53
„ Ferguson		2 25
„ Kaslo		121 11
„ Lardeau		10 50
„ Trout Lake		30 75
Protection-work—Lardeau River		773 75
Camp equipment		13 95

Kaslo District—Continued.

Plant and tools		$ 1,298 28
General roads		111 84
Supervision—General Foreman	$2,463 45	
„ Office	33 00	
		2,496 45
Total		$ 28,329 54
Expenditure	$28,095 54	
Transferred from Protection of River-banks	234 00	
Total	$28,329 54	

Lillooet District.

Road—Big Bar, No. 1	$ 500 33
„ Big Bar Creek-Big Bar Mountain, No. 2	785 07
„ Big Bar Lake-Beaver Dam-59-Mile House, No. 7	76 50
„ Bonaparte Valley, No. 9	90 00
„ Bridge Creek-Horse Lake-Fish-Boundary, No. 4	52 50
„ Bridge River, No. 13	1,748 37
„ Buffalo Lake	3 50
„ Canim Lake, No. 3	6 50
„ Canim Lake-McNeil-Mayhood, No. 11	391 25
„ Canoe-Churn Creek, No. 23	926 55
„ Cariboo Main, No. 18	4,528 71
„ Chilanko Forks-Tatla Lake-Klinaklini, No. 30	27 00
„ Chilcotin Main, No. 31	1,483 40
„ Chilcotin Station, No. 20	89 50
„ Churn Creek-Hanceville, No. 28	602 35
„ Clinton-Alkali, No. 21	1,995 87
„ Clinton-Alkali via Kelly Lake, No. 22	1,729 93
„ Criss Creek-Copper Creek	420 82
„ Deadman Creek, No. 33, and Upper Deadman, No. 85	370 37
„ Dog Creek-Churn Creek, No. 32	11 50
„ Dorose, No. 34	7 00
„ Eagle Creek, No. 35	477 02
„ Empire Valley, No. 36	368 75
„ Fountain Valley	7 00
„ Hat Creek	51 00
„ Jones-Dickey	482 26
„ Lillooet-Clinton, No. 46	856 25
„ Lillooet-Lytton, No. 47	2,644 82
„ Lillooet-Seton Lake, No. 48	271 50
„ Lillooet Station, No. 51	246 87
„ Marble Canyon, No. 54	263 50
„ Mound-Loon Lake, No. 53	233 37
„ McKinley-Horsefly, No. 56	33 75
„ McKinley-Horsefly-Timothy Mountain, No. 57	122 75
„ North Bonaparte, No. 60	63 50
„ North Fork, No. 62	609 89
„ Raphael-Pigeon-Meason, No. 66	1,042 56
„ Rayson-Big Bar Lake, No. 65	153 60
„ Riske Creek-Gang Ranch	106 50
„ Shalath Siding-Bridge River	31 07
„ Sheep Creek-Riske Creek, No. 75	79 50
„ 70-Mile House-Forks-Bonaparte	26 47
„ 70-Mile House-Green Lake, No. 78	66 50
„ 70-Mile House-Raphael's, No. 77	43 75

Lillooet District—Continued.

Road—Tatlayoko Lake, No. 83		$ 68 25
„ Upper Dog Creek, No. 86		25 00
„ Upper Hat Creek, No. 84		24 00
„ Woods Box-High Bar, No. 88		824 12
Trail—Bridge River Canyon		159 25
„ Canim Lake		52 50
„ Copper Mountain, No. 25		607 44
„ West of Fraser, No. 33		121 50
Street—Clinton, No. 19		25 00
„ Lillooet		19 50
General roads		100 38
Camp equipment		284 75
Plant and tools		546 83
Supervision—General Foreman	$2,239 45	
„ Office	188 77	
„ Auto	646 87	
		3,075 09
Total		$ 30,062 21
Total expenditure	$30,777 46	
Less transferred to Bridges on account material, etc.	715 25	
Net expenditure	$30,062 21	

Nanaimo District.

Road—Bates and Malpas, No. 1		$ 40 00
„ Brechin, No. 3		81 00
„ Departure Bay, No. 5		616 19
„ Extension, No. 6		93 65
„ Fiddick's		56 50
„ Five Acres, No. 20		1,241 90
„ Frews, No. 7		29 75
„ Gordon, No. 9		104 90
„ Harewood, No. 10		566 57
„ Jingle Pot		276 25
„ Newcastle Townsite, No. 16		164 75
„ Nichol Street Extension, No. 15		337 88
„ Northfield		20 00
„ Old Victoria, No. 17		82 00
„ Raines, No. 18		37 20
„ Richardson, No. 19		2 00
„ South Wellington		222 08
„ Victoria-Campbell River		2,956 15
„ Wellington		71 50
„ Wilkinson		23 90
„ York		34 50
Street—Macleary, No. 13		45 50
Plant and tools		6 00
General roads		494 25
Supervision—Assistant Engineer	$465 00	
„ Auto	7 17	
		472 17
Total		$ 8,076 59

Nelson District.

Road—Mountain	$	542 75
„ Nelson-Fairview Streets		1,981 85
„ Svoboda		27 12
Plant and tools		12 00
General Foreman		316 55
Office		19 70
	$	2,899 97

Newcastle District.

Road—Adshead	$	178 50
„ Andrews		25 25
„ Barnes		49 50
„ Beck's		306 80
„ Bennie		359 00
„ Benson's		28 00
„ Benton's		100 00
„ Brown's		31 50
„ Carmichael's		24 50
„ Christie and Wallace		44 20
„ Code's		70 00
„ Davis		51 75
„ Extension		453 25
„ East Wellington		500 00
„ Fiddick		209 25
„ Frame's		18 50
„ Fourth Avenue		70 87
„ Haslam		140 75
„ Holden and Corso		116 50
„ Homer		400 50
„ Graham		26 00
„ Greenway		26 00
„ Jingle Pot		567 55
„ Juriet		48 50
„ Lake		156 37
„ Lockner's		568 12
„ Meridith's		58 00
„ Michael-Hill, No. 33		25 00
„ Michael and Doole, No. 32		238 00
„ Morden		54 25
„ McMillan and Fleming		5 25
„ Northfield School		46 25
„ Old Victoria		68 75
„ Patricia		244 75
„ Quesnel-Weaver		288 75
„ Richardson's		53 75
„ Rossville		33 00
„ Saltair		20 50
„ South Forks		183 70
„ South Wellington		1,292 37
„ Street's		25 70
„ Swan's		25 50
„ Thatcher's		65 00
„ Thomas-Yellow Point		678 20
„ Tiens		27 00
„ Victoria-Campbell River		6,123 04
„ Vowel's		80 50

Newcastle District—Continued.

Road—Waterloo		$ 608 50
„ Weaver's		209 25
„ Westwood's		62 00
„ Wilgress		63 25
Camp equipment		10 00
Plant and tools		50 00
General roads		65 00
Supervision—Assistant Engineer	$1,090 20	
„ Auto	302 85	
„ Office	194 97	
		1,588 02
Total		$ 16,864 44

New Westminster District.

Twentieth Street, D.L. 172		$ 99 05
Office, King's Printer Account		22
Total		$ 99 27

North Okanagan District.

Cherry Creek Section—		
Road—Byers		$ 52 50
„ Monashee		538 50
„ Sugar Lake		20 50
Enderby Section—		
Road—Deep Creek		1,178 80
„ Fortune		119 46
„ Gunter-Ellison		472 75
„ Loon Lake		292 00
„ Salmon Arm		882 15
„ Salmon River Canyon		219 00
„ Salt		21 50
„ Spallumcheen Municipality		161 00
„ Vernon-Enderby		447 75
Lumby Section—		
Road—Bluenose		85 50
„ Creighton Valley		519 50
„ Lumby Townsite		8 75
„ Miller		49 50
„ Shuswap Avenue (south)		63 75
„ Vernon-Monashee		260 90
„ Ward's		9 50
„ Whitevale Subdivision		160 00
General		32 00
Mabel Lake Section—		
Road—Mabel Lake		1,406 05
„ Trinity Valley		72 89
Mara Section—		
Road—Carlin Orchards		56 52
„ Coell-Jones		37 00
„ Enderby-Mara		982 92
„ Grandview		2,056 13
„ Grindrod		548 59
„ Grindrod-West Bench		314 62
„ Grindrod (west side)		125 99
„ Mara Lake		66 41
„ Monk's		12 62

North Okanagan District—Continued.

Road—Mud Lake		$ 105 24
„ Riverside		15 37
Salmon River Section—		
Road—Boleau Creek		74 75
„ Fowler-Willett		87 50
„ Glenemma-Armstrong		98 00
„ Kamloops		498 15
„ Morgan's		65 87
„ Pillar Lake		8 00
„ Salmon River Valley		213 00
„ 6-Mile Creek		112 50
„ Warren Creek		1 50
Silver Creek Section—		
Road—Fowler-Willett		167 75
„ Salmon River Valley		257 97
Shuswap Section—		
Road—Mable Lake		364 91
„ Rollings Lake		8 50
„ Squaw Valley		77 00
Spallumcheen Municipality—		
Road—Pleasant Valley		2 40
Trinity Section—		
Road—Bobby Burns		3 75
„ Trinity Valley		111 75
Vernon Section—		
Road—B. Cross		607 38
„ Canal-Oyama		337 62
„ Coldstream Municipality		500 00
„ Commonage		32 75
„ Eastside		54 47
„ East Vernon Subdivision		116 35
„ Keddlestone (east)		341 90
„ Kickwilley		47 00
„ Long Lake		864 88
„ Monashee		752 26
„ Okanagan Landing		406 43
„ Oyama Fruit Lots		137 81
„ Pleasant Valley		1,257 46
„ Spallumcheen Municipality		2,031 12
„ Tronson		176 75
„ Vernon-Kelowna		1,810 36
„ Vernon-Kamloops		667 75
„ Woods Lake		487 99
Camp equipment		50
Plant and tools		842 69
General roads		909 16
Supervision—Assistant Engineer	$2,052 20	
„ Office	286 29	
„ Auto	725 82	
		3,064 31
Total		$ 29,431 15

North Vancouver District.

Road—Beach Avenue (east), No. 1		$ 206 13
„ Beach Avenue (west), No. 2		24 00
„ Beach		58 99

North Vancouver District—Continued.

Road—Bowen Island		$	652 86
„ Chamberlain			50 00
„ Chester, No. 9			120 27
„ Douston			196 00
„ Gibson-Sechelt			1,060 81
„ Giant-Glasford, No. 19			91 00
„ Half Moon Bay			52 00
„ Hanbury			25 00
„ Healy-Pender Harbour			18 21
„ Hensta-Henry			54 00
„ Kayne's			39 00
„ Kearton			74 12
„ Lye and Lockyer			104 74
„ Mason			371 50
„ Mintie			58 38
„ Moodyville			879 77
„ McLaughlin			83 13
„ Old Cariboo			49 56
„ Orange			24 75
„ Pemberton Portage			1,181 00
„ Pemberton Valley			2,841 71
„ Porpoise Bay			83 44
„ Pratt			51 00
„ Reeves			1 00
„ Reid			87 00
„ Roberts Creek			81 00
„ Roberts Creek (lower)			120 00
„ Sechelt-North-west Bay			617 92
„ Sechelt-Salmon Arm			25 00
„ Side			91 25
„ Skookumchuck			28 00
„ Smith's			32 88
„ Squamish Valley			1,334 61
Trail—Alice Lake			21 50
„ Bargain Harbour			23 50
„ Gambier Island			32 50
„ Lillooet Lake			39 00
„ Sakinaw Lake			162 92
„ Stamish			21 00
Scow—Dermody's			844 62
Sidewalk—Squamish			36 26
Camp equipment			51 43
Plant and tools			246 57
General roads			131 88
Supervision—Assistant Engineer	$663 00		
„ Office	198 89		
„ Auto	19 65		
„ Motor-cycle	46 69		
			928 23
Total		$	13,409 44

Omineca District.

Road—Ailport-McDonald		$	124 00
„ Aitken Settlement			357 00
„ Aldermere-Pleasant Valley			2,114 37

Omineca District—Continued.

Road—Ashman's Coal Property	$	573 25
„ Barrett Station		275 00
„ Burgon Settlement		168 94
„ Burns Lake-Babine		504 00
„ Bickle P.O.-Keefe's Landing		10 00
„ Chicken Lake (east side)-Corner of Section 14		65 00
„ Chicken Lake-Mines Trail		16 00
„ Colley Mountain		290 00
„ Cronin-Babine Bonanza		25 00
„ Driftwood Creek		305 00
„ Eakin Settlement		308 00
„ East Round Lake		137 00
„ Endako-Francois Lake		219 04
„ Forestdale-Dog Lake		363 00
„ Forestdale Station		100 00
„ Glen Meadow-Salmon Creek		397 00
„ Hazelton-Aldermere		2,482 41
„ Hazelton-Skeena Crossing		2,360 76
„ Hynes Settlement		540 25
„ Houston-North Bulkley		403 62
„ Hubert-Babine-Dome Mountain		371 50
„ Hudson Bay Mountain		373 15
„ Keefe's Landing-Ootsa Lake		1,387 35
„ Kispiox		595 00
„ Kispiox-Swan Settlement		80 00
„ Lot 2396, Range 4, Coast District		100 00
„ Main Trunk-Fraser Lake		4,552 17
„ McDonald Landing		200 00
„ New Hazelton High Level		964 56
„ New Hazelton Station-Main		174 00
„ 9-Mile Mountain		575 00
„ North Francis Lake		11,821 60
„ North Round Lake		421 50
„ Pleasant Valley-Francois Lake		2,139 74
„ Poplar Park		272 00
„ Rocher Déboulé		211 25
„ Rosenthal Wagon		600 00
„ Silver Standard		234 00
„ Silver Standard (lower)		175 00
„ Smither's Bridge-Hudson Bay Mountain		1,666 50
„ South Hazelton-Comeau Settlement		969 00
„ Telkwa-Canyon Creek		1,584 18
„ Telkwa-Canyon Creek Cut-off		2,284 00
„ Telkwa-Howson Creeek		1,011 79
„ Uncha Lake		280 00
„ West End of Francois-Ootsa Lake		351 02
„ West Side of Bulkley (Chicken Lake-Telkwa)		286 50
„ West Side of Bulkley (Moriceton-Chicken Lake)		1,746 87
„ West Side of Skeena		311 00
Trail—Groundhog		1,173 18
„ Kaskagas		100 00
„ Manson Creek		416 45
„ Red Rose		100 00
Camp equipment		690 08
Plant and tools		1,198 99
Stable, new building		1,402 47

Omineca District—Continued.

General roads		$ 157 90
Supervision—Assistant Engineer	$2,658 65	
„ Office	1,197 35	
„ Auto	295 64	
		4,151 64
Total		$ 57,268 06

Prince Rupert District.

Road—Atnarko-Anahim Lake	$ 294 50
„ Ardagh	378 45
„ Boliher	1,510 75
„ Breckenridge-Copper City	1,011 50
„ Canoe Crossing	945 54
„ Church	90 00
„ Clayton (north)	115 40
„ Clayton (south)	156 75
„ Copper City-Kitimat	1,141 00
„ Corlette	75 00
„ Delkatla-Chown Point	56 40
„ Fiddler Creek	62 10
„ Firvale	3,391 63
„ Hagensborg	970 94
„ Haskinson's	41 25
„ Huston Inlet	54 35
„ Ikeda-Jedway	102 50
„ Johnston's	89 00
„ Kitimat	58 75
„ Kitkatla Trunk	250 00
„ Kitsumgallum Main	1,938 96
„ Kitsumgallum-Terrace	846 27
„ Kitwanga-Andimaul	108 70
„ Kitwanga-Nass	668 45
„ Kitwanga River	183 00
„ Lakelse Avenue-Terrace School	56 00
„ Lakelse Lake, No. 2A	817 58
„ Masset North Beach	17 25
„ Meanskinisht-Kitwanga	1,240 73
„ Meyer Lake	5 25
„ McPherson	150 50
„ Nadu River	66 50
„ Old Masset-New Masset	510 85
„ Port Clements Townsite	720 00
„ Queen Charlotte-Skidegate	329 83
„ Refuge Bay-Jap Inlet	424 90
„ Salt Lake Improvement	300 00
„ Silver Lake	150 50
„ Skidegate-Tlell	2,144 55
„ Soloomt	430 00
„ Stewart Landing	63 00
„ Stome-Atnarko	115 75
„ Terrace Ferry	115 00
„ Terrace Ferry-Remo	72 30
„ Usk-Vanarsdol	20 25
„ Viger's	531 25
„ Welcome Harbour-Dries Bay	116 50
„ West Settlement	170 00

Prince Rupert District—Continued.

Trail—Breckenridge-Trout River			$ 60 00
„ Cannery			24 00
„ Copper River			922 10
„ Green River			250 00
„ Gold Creek			452 45
„ Honan River, Queen Charlotte			20 60
„ Kitsumgallum Lake Shore			66 22
„ Kitwanga-Kitsequekla			319 00
„ Lakelse			7 50
„ Legate Creek			135 00
„ Lewis Island			123 05
„ Phillips Creek			367 95
„ Smith Island			233 55
„ Williams Creek			18 75
Sidewalks—Port Essington			505 05
Camp equipment			226 30
Plant and tools			748 21
General			2,017 23
Supervision—General Foreman	$2,247 30		
„ Launch	164 40		
„ Office	305 30		
			2,717 00
Total			$ 32,323 64

Revelstoke District.

Road—Arrowhead Mill			$ 11 50
„ Arrowhead (north)			107 36
„ Arrowhead Subdivision			1 00
„ Beaton-Camborne			337 92
„ Beaton-Comaplix			38 00
„ Beaton-Trout Lake			1,585 58
„ Bertoise Hill			148 75
„ Big Bend			5,846 63
„ Big Eddy			85 00
„ Bowie-Malakwa-Craigellachie			7 25
„ Barriere and Nelson			15 25
„ Columbia River			95 50
„ Craigellachie-Malakwa			96 55
„ Craigellachie (North Fork)			205 00
„ Crossing at 24-Mile, Arrow Lake			9 24
„ Deep Water Landing			30 00
„ Eagle Pass			101 75
„ Edward's (north of Columbia River)			75 25
„ Erickson's			10 93
„ Ferry-Canadian Pacific Railway			50 00
„ Fish Creek			141 60
„ Fish River			113 00
„ 4-Mile Canyon			2 50
„ Galena Bay			79 19
„ Galena Bay (south-east)			120 00
„ Greely Creek			108 85
„ Halcyon			5 25
„ Hall's Landing			105 00
„ Halverson			10 00
„ Hillier			142 62
„ Illecillewaet Cable Crossing			85

Revelstoke District—Continued.

Road—Kencheck-Galena Bay	$	173 25
„ Kirk		37 25
„ Lundell-Griffith		84 45
„ Malakwa-Bowie		273 75
„ Malakwa-Bowie Ditch		238 93
„ Malakwa-Johnson-Ross		29 25
„ Malakwa (local)		455 47
„ Malakwa-Mizon		27 25
„ Malakwa-Sederberg		79 25
„ Malakwa-Summerville		51 00
„ Malakwa-Tredget		118 60
„ Mara		13 37
„ Mihaluk		40 50
„ Miller's		34 50
„ Montana Slough		10 50
„ Moran's Hill		261 73
„ Nichol's		74 00
„ Olson's		506 58
„ Pool Creek		54 75
„ Power-house		4 00
„ Revelstoke (east)		273 25
„ Revelstoke (local)		97 25
„ Revelstoke (south)		955 19
„ Sederberg		35 62
„ Sicamous-Solsqua-Bowie		603 36
„ Sicamous-Solsqua-Craigellachie		229 25
„ Silta		241 98
„ Solsqua		4 00
„ South-west of Columbia River		312 30
„ Warde		216 41
„ West of Columbia River		127 57
„ Westerberg		127 50
„ Zufelt		156 30
Trail—Beatrice		97 25
„ Camp Creek		8 00
„ Canoe River		24 00
„ Carnes Creek Main		52 00
„ Dunvegan		80 00
„ Flat Creek		600 10
„ French Creek		80 00
„ Goldstream		36 00
„ Lanmark		30 62
„ Lexington		45 00
„ Oyster		16 00
„ North of C.P.R. Bridge		35 84
„ Rosebery		12 00
„ Sable Creek		49 00
„ Scout-Fish River		86 00
„ Silver Creek		8 50
Street—Arrowhead		213 89
„ Ninth		9 75
„ Revelstoke		147 88
Tool-house—Hall's Landing		549 48
Camp equipment		8 10
Material		788 30

Revelstoke District—Continued.

Plant and tools		$ 1,785 79
Stable		5 30
General roads		83 88
Supervision—General Foreman	$2,238 00	
„ Auto	148 99	
„ Office	100 66	
		2,487 65
Total		$ 22,776 01
By credit, Dominion Government (powder)		25 60
Total		$ 22,750 41

Richmond District.

Road—Fraser Avenue Paving		$ 2,250 00
„ Lulu Island, No. 3		8,273 89
Supervision—Assistant Engineer	$ 765 25	
„ Motor-cycle	153 87	
„ Office	301 95	
		1,221 07
Total		$ 11,744 96

Rossland District.

Road—Big Sheep Creek		$ 418 75
„ Deer Park		93 00
„ Deschamp's (north)		286 90
„ Murphy Creek		155 50
„ Old Trail		91 00
„ Rock Creek		141 00
„ Rossland-Patterson		1,083 05
„ Rossland-Stony Creek		215 00
„ Rossland-Trail		2,074 07
„ Warfield-Sidney		1 00
Trail—Burlington-Anaconda Mine		382 20
„ Gladstone		63 50
„ Violin		213 50
General roads		125 00
Plant and tools		75 86
Supervision—General Foreman	$ 313 75	
„ Office	85	
„ Auto	8 00	
		322 60
Total		$ 5,746 63

Saanich District.

Road—Burnside		$ 311 38
„ Helmcken		133 87
„ Observatory		602 75
„ West Saanich		500 00
Total		$ 1,548 00

Similkameen District.

Road—Allan-Dale		$ 25 00
„ Allison-Copper Mountain, No. 1		26 25
„ Armstrong Ferry, No. 2		100 00
„ China Creek, No. 14		111 25

Similkameen District—Continued.

Road—Copper Mountain, No. 10	$	2,956 70
„ Dalby Meadows		10 50
„ Darcy Mountain		63 50
„ Deer Valley, No. 18		34 75
„ Dog Lake, No. 17		26 50
„ Fairview-Keremeos		67 50
„ Fairview-Osoyoos, No. 23		492 50
„ Fairview-Penticton, No. 20		1,316 98
„ Fairview-Rock Creek, No. 21		93 50
„ Fairview-Vaseaux Lake, No. 27		7 00
„ Fairview-White Lake, No. 26		181 50
„ Farleigh, No. 24		24 00
„ 5-Mile-Princeton, No. 29		167 50
„ Granite Creek-Coalmont		423 50
„ Hedley-Keremeos, No. 41		2,229 78
„ Hedley-Princeton, No. 35		2,054 23
„ Hedley-20-Mile, No. 34		50 50
„ Hembree Mountain		14 00
„ Hope-Princeton		46 00
„ Kaleden-Okanagan Falls, No. 38		166 39
„ Kaleden Townsite, No. 39		422 95
„ Keremeos Junction, No. 40		379 55
„ Keremeos Station, No. 43		359 50
„ Kruger Mountain, No. 42		219 50
„ Lowe's Subdivision		762 15
„ Marron Valley, No. 47		341 68
„ Myers Flat-Okanagan Falls, No. 45		143 00
„ McLean Creek, No. 51		23 00
„ 1-Mile-Princeton, No. 53		263 00
„ Osoyoos-Sidley Mountain, No. 54		652 75
„ Osoyoos-Similkameen, No. 52		181 00
„ Penticton-Carmi, No. 62		35 75
„ Penticton-Fish Lake, No. 60		1,873 59
„ Penticton-Otter Lake		422 75
„ Penticton-Summerland		1,188 50
„ Pierce		7 00
„ Princeton-Otter Lake, No. 63		1,588 12
„ Princeton-Stevenson Creek, No. 61		17 50
„ Princeton Trunk		20 50
„ Princeton-Tulameen, No. 57		25 50
„ Richter Mountain, No. 70		38 00
„ Shingle Creek, No. 80		210 00
„ Similkameen City-Burr, No. 75		126 00
„ Similkameen-Osoyoos		85 00
„ South Keremeos, No. 79		219 15
„ South Similkameen, No. 72		420 02
„ Sterling Creek, No. 83		102 75
„ Summers Creek, No. 78		113 50
„ Tulameen River, No. 57		13 75
„ Tulameen-Summit City, No. 87		252 50
„ Wide West		36 75
Trail—Hope, No. 15		170 00
Street—Hedley		3 00
„ Keremeos		2 25
„ Princeton		344 63

Similkameen District—Continued.

Camp equipment	$	12 00
Plant and tools		161 59
General roads		221 05
Supervision—General Foreman		2,184 75
„ Auto		711 88
„ Office		495 96
Total	$	25,547 25

Slocan District.

Road—Arlington	$	24 00
„ Arrowpark		22 75
„ Black Prince		199 50
„ Brouse		17 45
„ Brown and Robinson		24 00
„ Cariboo		137 25
„ Carpenter-North Fork Trail		155 25
„ Cemetery		242 80
„ Columbia River		965 11
„ Columbia River (east)		2,051 00
„ Columbia River (west)		890 10
„ Condor		49 00
„ Crescent Bay		1,000 90
„ Edgewood-Needles		318 30
„ Edgewood-Vernon		740 59
„ Ferret's		121 21
„ Fire Valley		394 95
„ Galena Farm		85 00
„ Goat Creek		131 00
„ Hartney		15 00
„ Inanonkin Creek		5 00
„ Lemon Creek		130 00
„ Lily B.		50 50
„ L.H. Wagon		73 50
„ Little Slocan River		24 75
„ McCormack		141 75
„ Nakusp-Box Lake		147 10
„ Nakusp (east)		7 50
„ Needles (north)		69 65
„ Needles-Whatshan		160 50
„ Nepagon Mine		52 50
„ New Denver-Canyon		11 50
„ New Denver-Rosebery		141 00
„ New Denver-Silverton		861 86
„ New Denver-Three Forks		39 50
„ Noonday		11 50
„ Ottawa Mine		52 00
„ Passmore		37 50
„ Payne Wagon		163 75
„ Perry Siding		214 75
„ Red Mountain		75 50
„ Republic Mine		302 00
„ Robinson Creek		12 00
„ Sandon-Cody		1,433 85
„ Shakespeare Avenue		123 40
„ Silverton-4-Mile		3,037 03
„ Slocan-Beaver Creek		168 50

Slocan District—Continued.

Road—Slocan River		$ 1,880 40
„ Sovereign Wagon		23 00
„ Springer Creek		493 75
„ Standard		97 50
„ Star Creek		269 00
„ Stevenson's		9 25
„ Summit-Box Lake		28 47
„ Surprise		163 75
„ 10-Mile		356 25
„ West Demars		140 75
„ Westmount		48 00
Trail—Chieftain		121 00
„ Eureka		42 00
„ Freddie Lea		2 50
„ Goat Canyon		50 50
„ Hampton		48 00
„ Ivanhoe		98 00
„ Jo-Jo		38 50
„ Kooskanax		63 15
„ Lightning Peak		468 54
„ Lone Bachelor		37 50
„ Meteor		72 00
„ Mountain Con		54 50
„ New Denver-Alamo		8 00
„ North Fork		80 00
„ Queen Bess		364 50
„ Rambler		26 75
„ Sandon-Reco		84 25
„ Snow Creek		21 25
„ Sunset		27 00
„ Three Forks-Alamo		99 50
„ Three Forks-Bear Lake		60 75
„ Three Forks-Sandon		431 00
„ Wakefield		53 50
„ Wonderful		101 00
Streets and sidewalks—Burton		62 88
„ „ Nakusp		426 34
„ „ New Denver		284 41
„ „ Silverton		196 67
Camp equipment		8 25
Plant and Tools		249 39
General roads		419 07
Supervision—Assistant Engineer	$2,741 78	
„ Office	206 11	
		2,947 89
Total		$ 25,692 26
Less credit		25 00
Total		$ 25,667 26

South Okanagan District.

Road—Arawana, No. 56		$ 112 10
„ Atkin's, No. 53		222 00
„ Belgo Subdivision, No. 14		236 25
„ Benvoulin, No. 22		111 00
„ Black Mountain		8 50

South Okanagan District—Continued.

Road—Bulman Black (Ellison), No. 7	$	50 00
„ Canyon Creek		3 00
„ Carsorso-Mission, No. 29		141 25
„ Centre Subdivision		27 50
„ Fish Lake		46 00
„ Gallagher, No. 21		7 00
„ Gellatly		23 50
„ Glenmore Valley, No. 5		81 50
„ Glenmore Subdivision, No. 15		1,083 35
„ Glenrosa, No. 39		60 25
„ Gulchigan, No. 24		159 50
„ Handcock		14 00
„ Harriman or Cloverdale, No. 10		50 00
„ Harris Branch, No. 18		8 00
„ Harvey, No. 7		14 72
„ Hawkin-Millar-Dean, No. 47		53 00
„ Hydraulic Creek, No. 31		43 50
„ Joe Ritchie and 8-Mile		283 75
„ K.L.O. Bench Subdivision, No. 19		19 50
„ K.L.O., No. 23		591 95
„ Lake Shore, No. 27		195 75
„ Lewis-Bailey, No. 6		102 50
„ Meadow Valley and branches, No. 48		53 00
„ Mission-Lake Shore, No. 27		390 25
„ McDougall Creek, No. 40		162 50
„ McKinley Wharf		351 10
„ Naramata-Penticton, No. 51		922 00
„ Naramata Subdivision		492 25
„ North Gulch		42 00
„ North Naramata, No. 52		167 75
„ Oceola, No. 1		837 50
„ Okanagan Centre Subdivision, No. 3		592 75
„ Old Mission		13 64
„ Peachland Municipality, No. 41		665 28
„ Peachland-Princeton, No. 42		76 75
„ Penticton-Summerland, No. 49		103 50
„ Privet		19 88
„ Rutland Subdivision, No. 12		777 60
„ Scottie Creek, No. 8		86 50
„ Shingle Creek and branches, No. 45		46 00
„ South K.L.O. Fruit Lots, No. 28		103 50
„ South Okanagan, No. 29		76 25
„ Spiers		116 75
„ Sterling Branch, No. 16		8 00
„ Summerland-Meadow Valley, No. 44		308 03
„ Summerland Municipality		176 00
„ Summerland-Peachland, No. 41		2,008 38
„ Vernon		3,150 74
„ Westbank Ferry, No. 34		914 61
„ Westbank-Peachland		362 55
„ Westbank Subdivision, No. 37		99 95
„ Westside		63 16
„ Williams		21 00
„ Woodlands Subdivision, No. 13		80 50
„ Woods Lake, No. 4		222 00
Street—Naramata		191 00

South Okanagan District—Continued.

Site for tool-shed		$ 192 00
Camp equipment		10 00
Plant and tools		1,824 25
General roads		286 25
Supervision—General Foreman	$2,296 55	
„ Auto	549 12	
„ Office	326 70	
		3,172 37
Total		$ 22,936 91

South Vancouver District.

Road—Fraser Avenue		$ 2,250 00
„ Hastings-Barnet		9,666 37
Supervision—Assistant Engineer	$612 22	
„ Motor-cycle	45 10	
„ Office	203 75	
		861 07
Total		$ 12,777 44

Trail District.

Road—Burnt Flat	$ 231 40
„ Castlegar-West Robson	113 00
„ Columbia Garden Subdivision	56 75
„ Dundee Mine	48 50
„ East Robson (north)	354 00
„ East Robson-Syringa Creek	14 00
„ Emerald Mine	343 00
„ Eureka Mine	50 00
„ 4-Mile-Waneta	184 62
„ Granite and branches	2,271 02
„ Harrop-Procter	304 65
„ Hudson Bay Cut-off	112 50
„ Knox	25 00
„ Kootenay River	1,852 56
„ Lambert Mill	91 25
„ Lost Creek	22 75
„ Nelson-Balfour	1,727 23
„ Nelson-Waneta	2,783 05
„ Pass Creek	899 60
„ Pend d'Oreille River	555 45
„ Rock Creek	10 50
„ Rossland Lake	125 25
„ Second Relief	130 50
„ Silver King	75 25
„ Slocan River	1,004 33
„ Sullivan-Bunker Hill	189 37
„ Svoboda	24 50
„ Trail-Castlegar	2,730 54
„ Trail-Fruitvale	239 70
„ Trail-Fort Sheppard	58 77
„ Trail-Sayward	2,881 90
„ Trail-Smelter Junction	87 25
„ Wilcox Mine	147 70
„ Yellowstone	918 31
„ Ymir Townsite	50 50

Trail District—Continued.

Trail—Bolettis		$ 35 00
„ Gerrier Mine		62 00
„ Molly Gibson		35 00
„ One Hill (Salmo)		73 50
Sidewalks—East Trail		162 48
„ Salmo		77 73
Approach—Castlegar Ferry		126 00
Camp equipment		30 50
Plant and tools		546 38
General roads		688 42
Supervision—General Foreman	$1,502 50	
„ Auto	154 33	
„ Office	119 54	
		1,767 37
Total		$ 24,328 08

Yale District.

Road—Agassiz Ferry		$ 10 25
„ Ashcroft-Cache Creek		2,163 83
„ Ashcroft-Cariboo		417 50
„ Ashcroft-Highland Valley		924 25
„ Ashcroft-14-Mile House		2,287 81
„ Back Valley		18 25
„ Bate		68 25
„ Benjamine		44 25
„ Cache Creek-Savona		1,109 32
„ Cariboo		556 55
„ Chamoux		22 50
„ Cisco		53 00
„ Coldwater		313 63
„ Collett		13 50
„ Cornwall Cut-off		157 25
„ Coutlee Mountain		7 75
„ Coyote Valley		17 75
„ Crawford Mills		223 75
„ Douglas Lake		408 63
„ 8-Mile Creek		12 96
„ 5-Mile		59 00
„ George		69 90
„ Gladwin		42 00
„ Grande Prairie		255 00
„ Gulliford		25 50
„ Harper Mill		25 00
„ Harrison Hot Springs		482 02
„ Hope-Popcum		2,913 35
„ Hope-Yale		337 65
„ Iron Mountain		51 00
„ Keefers		150 50
„ Lauder-Hawkins		148 00
„ Lillooet-Lytton		3,194 62
„ Lower Nicola-Mamete Lake Cut-off		35 00
„ Lytton Ferry		25 00
„ Mamete Lake		520 75
„ Mamete Lake-Savona		27 00
„ Merritt-Nicola		206 24
„ Merritt-Princeton		1,711 08

Yale District—Continued.

Road—Merritt-Spences Bridge		$ 3,865 60
„ Middlesboro Mines		107 75
„ Mill Creek		200 60
„ Murray Creek		146 92
„ McKay		201 00
„ Nicola-Kamloops (Stump Lake)		1,697 77
„ Nicola-Princeton Cut-off		144 50
„ North Lytton		584 00
„ Old Britannic Lake		173 50
„ 1-Mile Creek		39 81
„ Pike Mountain		83 62
„ Spences Bridge-Ashcroft		1,403 05
„ Thompson's Ditch-South Cross Ranch		234 90
„ Upper Hat Creek		336 25
„ Venables Valley		43 50
„ Walhachin		132 00
„ Winch		116 00
Trail—Hope-Princeton		566 00
„ Spencer Creek Pack		212 70
Street—Ashcroft		99 00
„ Hope		465 00
„ Lytton		85 65
General		103 77
Camp equipment		184 22
Plant and tools		556 45
Supervision—Assistant Engineer	$3,089 30	
„ Auto	608 65	
„ Office	277 71	
		3,975 66
Total		$ 34,868 81
Total expenditure	$35,819 96	
Less transferred to Bridges	$381 15	
„ „ to Protection of River-banks	570 00	
	951 15	
Net expenditure	$34,868 81	

Colwood Road.

Expenditure	$ 22,103 17

Point Grey Roads.

Marine Drive		$ 9,434 36
Plant and tools		25 79
General supplies		2 70
Supervision—Assistant Engineer	$365 40	
„ Motor-cycle	41 75	
„ Office	130 00	
		537 15
Total		$ 10,000 00

BRIDGES.

Alberni District.

Alberni Road, No. 2	$ 16 50
Alexander	3 50
Big Qualicum, No. 124	249 54
Cameron River	74 25

Alberni District—Continued.

Cherry Creek	$	4 50
Crawford		24 96
Englishman's River (reconstruction)		10,370 85
Englishman's River (maintenance)		29 58
Fisherman's River, No. 1		161 43
Fisherman's River, No. 2		116 50
Fisherman's River, No. 3		104 84
French Creek		1,205 73
Hamilton Creek		138 00
Kitsuksis Creek		85 50
Larston's		32 26
Lost Stone Creek		95 25
Mission		9 00
McCoy Lake		15 25
Nanaimo		5 00
Powder-works		11 00
Quatsino Wagon-road, No. 77		39 00
Quatsino Wagon-road, No. 78		39 25
River Bend		26 75
Rogers Creek		78 49
San Joseph Valley, No. 12		149 37
Sproat Falls		16 00
Thompson's		4 50
Total	$	13,106 80

Atlin District.

Material Account	$	92 11
Ayansh		148 00
Atlin Slough		78 15
Bear River		3,044 57
Birch Creek		44 88
Casca Creek		82 00
Clark's Road		150 00
Foot-bridge (new)		150 00
4-Mile		78 00
Georgia River		45 00
Glacier Creek		790 00
Glenora Road, No. 11		3 00
Glenora Road, No. 12		42 50
Glenora Road (sundry small)		37 00
Illiance		22 00
Kitsault Ferry (foot-bridge)		424 63
Klehini River		75 00
McKee Creek		93 76
Nahlin		90 00
Pack-bridge, Salmon River Trail		95 00
Sistkinist		614 50
Stephendyke		52 35
Tahltan		26 50
Teslin Trail		72 00
Total	$	6,350 95

Cariboo District.

Alexis Creek	$	1,396 53
Antler Creek (at Cunningham's Pass)		174 75

Cariboo District—Continued.

Antler Creek Slough, No. 1	$	48 50
Antler Creek Slough, No. 2		58 00
Australian Creek		55 95
Baker Creek		260 23
Beaver Lake		30 66
Beaver Pass Creek		36 75
Blackwater River		4 00
Burns Creek		37 00
Canyon Creek		155 40
China Cabin		24 75
Cottonwood		4,942 68
Cottonwood (20 miles from Quesnel)		57 75
Cunningham's Pass Creek		146 00
Deacon Creek		15 25
Dragon Lake River		8 00
Dry Gulch (18½ miles from Quesnel)		47 25
Duck Creek		374 05
First Creek		39 00
4-Mile Creek		1,517 01
Goose Creek		23 00
Hanson Gulch		1,042 04
Higdon		183 09
Hixon Creek		350 25
Horsefly		778 74
Isnardy		22 00
Irish Creek		42 37
Johnston Creek		51 72
Kersley Creek		35 00
Knuth Creek		11 50
Lees		680 87
Lightning Creek		183 60
Meadow Creek		11 50
Quesnel River		1,520 49
Quesnel River (North Fork)		7 50
Sawmill Creek		39 00
Scott Creek		66 25
Seyers Creek		19 25
Sisters Creek, No. 1		168 75
Sisters Creek, No. 2		233 12
Siwash Creek		183 50
Succor Creek		23 00
Summit Creek, No. 1		40 00
Summit Creek, No. 2		30 00
13 miles from Quesnel		41 25
Tummins Creek		30 50
Udy Creek		108 75
Warden Creek		151 87
Williams Creek		40 00
Wingdam		18 50
Total	$	15,566 92

Chilliwack District.

Big Ditch	$	101 30
Clayburn-Straiton Road		88 17
Columbia Valley Road		6 00
Cultus Lake		85 12

Chilliwack District—Continued.

East Aldergrove, No. 1	$	109 86
East Aldegrove, No. 2		209 46
East Aldegrove, No. 3		152 03
Elk Creek		101 60
Vedder River (temporary)		6 50
Vedder River		12,553 03
Total	$	13,413 07

Columbia District.

Athalmer Swing	$	15 00
Ben Abel		42 00
Blaeberry		10 50
Bott's		36 97
Brisco Pontoon		86 00
Bugaboo		67 00
Campbell Road		36 75
Canal Flats		16 00
Carbonate		142 85
Deer Lake		37 94
Dutch Creek		567 65
88-Mile		500 39
Elbow		195 90
Fairmont		96 00
Fitzsimmons		5 00
Francis Creek		210 00
Golden		30 86
Horse Creek		700 67
Horse Thief		11,405 26
Horse Thief (at North Fork)		45 00
Iron Slough		43 00
Kicking Horse (new)		94 75
Kicking Horse (old)		84 43
Kootenay		57 00
Lyttle		37 00
No. 3 Creek		5 06
Ogelstone		5 00
188-Mile		44 50
102-Mile		16 00
Paradise Mine Road (4 bridges)		110 25
Pierson's		42 00
Ravine		598 97
Short		13 75
South Salmon		201 80
Spillimacheen (Columbia River)		41 50
Spillimacheen (Spillimacheen River)		76 75
Third West of Golden		28 24
Toby Creek		50 00
Washout Creek		295 53
Wilmer Landing		96 00
Wilmer Pontoon		427 81
Total	$	16,652 31
Bridge vote	$16,508 34	
Transferred from district	143 97	
Total	$16,652 31	

Comox District.

Plant and tools	$	365 54
Calhoun's		69 24
Cedar		1,108 82
Coal Creek		719 45
Cook's River		1,979 21
Courtenay River		986 91
Cumberland-Dore Creek Road, No. 1		25 00
Cumberland-Dore Creek Road, No. 2		28 75
Dallos		15 00
Eagle River		239 89
Harrigan's		479 88
Headquarters		2,030 86
Knight's		34 50
Matthewson		14 00
Mayo		623 40
Mud Bay		78 75
McKelvie's		318 28
Near Texada Island Wharf		59 18
Nigger Daly (Texada Island)		118 50
Oyster River		10,651 66
Powell Lake-Olsen Lake Road (small)		15 75
Powell River, No. 1		102 50
Powell River and Grief Point, No. 2		194 55
Powell River and Grief Point, No. 3		10 00
Puntledge, No. 1		50 00
Puntledge, No. 2		183 25
Raper Ranch		101 00
Reese's		72 50
Rennison's		37 81
Sach's		190 40
Salmon River (small)		899 59
Salmon River (second crossing)		38 65
Sawmill (Texada Island)		226 74
School Trail (foot-bridge)		24 40
Smith's		38 48
Swanskie's		3 20
Thomas		24 50
Tsable River		9 50
Tsolum River		1,727 29
29 miles from Government Agent's Office		101 00
27½ miles from Government Agent's Office		419 14
Windsor		253 33
Total	$	24,670 40

Cowichan District.

Plant and tools	$	69 30
Barkley		25 25
Bousell's		22 00
Bridge, No. 6		21 75
Bridge, No. 9		69 30
Bridge, No. 104		182 68
Chemainus River		222 58
Clemclemlitz		267 30
Cowichan Lake		146 95
Dairy		75 00

Cowichan District—Continued.

Dobson's	$	39 93
Duncan Wagon-road		356 71
Elliott		169 25
Flett's		550 58
Goulding		6 00
Kelvin Creek		12 00
Kier's		62 16
Kilpaulis		403 37
Koksilah		11 50
La Fortune's		17 75
Miller		149 36
Millett		68 85
McCallum		85 96
McFarlane		13 00
McIntosh		105 42
McLennan		52 48
Nightingale		295 80
Norries		25 50
Payne's		27 00
Punbury's		48 50
Quamichan		294 17
Ransome's		15 75
Robertson		656 98
Robinson's		32 00
Sheppard		17 00
Somenos		436 54
Westholme		50 75
Wilkinson		34 00
Total	$	5,140 42

Cranbrook District.

Plant and tools	$	291 68
Aldridge		17 00
Bark Shanty		41 55
Bridge No. 97 (near Torrent)		97 49
Bridge No. 198 (near Torrent)		122 47
Bridge No. 64		40 00
Bridge on Diversion (near Moyie)		41 52
Bridge near Sylvester's		41 56
Cherry Creek		16 00
Corduroy, New Lake Road		18 68
Curzon Creek		120 25
Flume Bridge (Curzon-Kingsgate Road)		79 22
Goatfell		74 60
Hospital Creek		24 00
Irishman's Creek		88 55
Jap Ranch		16 25
Kingsgate		5 00
Kootenay Reserve		10 00
Lamb Creek		191 85
Matthew Creek		4,045 63
Matthew Creek (east side)		252 88
Meadow Creek, No. 1		51 46
Meadow Creek, No. 2		43 33
Meadow Creek, No. 3		43 33
Mission		303 13

Cranbrook District—Continued.

Moyie	$	16 25
Moyie (1 mile east of)		16 25
McPhee		202 38
North Bernard		53 96
North Moyie		71 00
Parry Creek		209 50
Ryan's		16 25
St. Joseph		20 25
St. Joseph Creek, No. 5		238 35
St. Joseph Creek, No. 11		24 00
St. Joseph Creek, No. 201		8 29
St. Joseph Creek, No. 202		145 14
St. Joseph Creek, No. 203		62 87
St. Mary Lake, No. 35		78 75
Swanson's		37 50
Tochty, No. 204		74 45
Tochty, No. 205		47 45
Ward's Ranch		109 88
Westpart (large)		100 37
Wycliffe		178 96
Yahk		33 50
Total	$	7,822 78

Delta District.

Bertrand	$	206 50
Canoe Pass		619 00
Nicomekl		194 28
Scott-Delta Trunk Road		2,000 00
Total	$	3,019 78

Dewdney District.

Bridges on Section 9, Dewdney Trunk Road	$	339 07
Bridges on Ruskin-Stave Falls Road		56 25
Bridges (small) on Ruskin-Stave Falls Road		699 34
Bridges (unnamed) on Ruskin-Stave Falls Road		312 11
Cambridge		439 88
Clarke		44 38
Deroche		44 65
Dewdney		2,519 80
Donstelli		95 94
Halucton		13 70
Hatzic Prairie Farm		1,953 31
Hawkins		73 75
Hoy Creek		264 30
Hudon		4 90
Ioco Road		100 58
Langley		194 54
Lucy Creek		119 93
Macaulay		45 50
Maillardville		63 32
Malcolm		192 15
McKainey		49 00
McMynn		104 26
Nicomen Slough Trestle		2,695 21
Parks		71 75

Dewdney District—Continued.

Pitt River	$	276 40
Reserve, Silverdale Road		407 38
Rowley		308 46
Sharp		495 45
Silas		78 80
Squakim		13 70
Sturgeon Slough		3 60
Teillard		329 87
Upper Coquitlam		235 54
Whonnock Front Road		20 60
Yoman, No. 103		66 25
Total	$	12,733 67
Less credit		3 70
Total	$	12,729 97

Esquimalt District.

Plant and tools	$	315 61
Albert Head		16 00
Albert Head (twin)		50 03
Coal Creek, No. 1		10 60
Coal Creek, No. 2		15 50
Deadman's River		498 51
Goldstream		357 05
Griffith		3 80
Happy Valley, No. 1		227 15
Happy Valley, No. 3		16 92
Jordan River, No. 1		295 86
Jordan River, No. 3		343 89
Jordan River, No. 7		555 49
Jordan River, No. 11		227 02
Kemp Road		66 65
Metchosin, No. 2		338 23
Millstream, No. 2		706 72
Milstream, No. 3		185 64
Muir's Creek		152 87
McDonald Creek		1 20
Otter Point		39 85
Parson's		54 83
Phillips		7 50
Port Renfrew (4 small)		29 25
San Juan (east side)		52 87
Sherwood		11 98
Sooke River		402 73
Sooke River (east)		300 29
Sooke River Road, No. 1		168 14
Sooke River Road (east), No. 3		70 41
Sooke River Road, No. 8		264 40
Sooke River Road (west), No. 3		36 25
Sooke River Road (west), No. 2		40 50
Summit		12 50
Tugwell Creek		14 00
Vancouver Island Trunk Road, No. 1		24 00
Vancouver Island Trunk Road, No. 2		3 00
Vancouver Island Trunk Road, No. 3		69 30
Vancouver Island Trunk Road, No. 4		4 00

Esquimalt District—Continued.

Vancouver Island Trunk Road, No. 5	$	3 50
Vancouver Island Trunk Road, No. 7		20 85
Vancouver Island Trunk Road, No. 8		9 50
Vancouver Island Trunk Road, No. 9		21 50
Vancouver Island Trunk Road, No. 10		17 00
Vancouver Island Trunk Road, No. 11		18 55
Vancouver Island Trunk Road, No. 12		9 00
Vancouver Island Trunk Road, No. 14		5 00
Vancouver Island Trunk Road, No. 15		17 25
Vancouver Island Trunk Road, No. 16		30 00
Vancouver Island Trunk Road, No. 17		17 00
Vancouver Island Trunk Road, No. 18		20 75
Vancouver Island Trunk Road, No. 19		17 00
Woodruff's		208 35
Young's Lake Road		188 45
Total	$	6,594 24

Fernie District.

Plant and tools	$	400 71
Bridges between Natal and Michel		39 30
Bridges west of Hosmer		157 32
Bull River, No. 16		265 64
Coal Creek		95 75
Crowsnest (near)		3 00
Elk River Valley, No. 1		160 69
Elk River Valley (near Fairy Creek)		20 60
Elko		1,506 95
Elkmouth		958 83
Fairy Creek		939 34
Gateway		276 62
Hosmer		180 30
Kootenay River (at Fort Steele)		440 80
Martin Creek		80 00
Michel		2,101 45
Michel Creek, No. 1		218 62
Michel Creek, No. 2		247 26
Michel Creek, No. 3		76 11
Michel Creek, No. 4		27 56
Morrissey		408 53
McDougall, No. 3		177 72
Natal		1 00
Newgate		56 00
Phillips		657 35
Reserve, No. 56		84 05
Sheep Creek		487 78
Slough, No. 17 (Kootenay River)		144 14
Wagot		168 50
Waldo		227 68
Wardner		333 42
Wasa		422 87
West Fernie		170 99
West of Natal (1 mile)		31 56
Wild Horse		2,969 45
Wilson Creek		216 00
Total	$	14,753 89

Fort George District.

Adams Creek	$	219 87
Armishaw		50 43
Backwater Channel (Salmon River)		284 74
Beaton Ravine		261 00
Beaumont Creek		56 00
Beaver Creek, No. 1		89 50
Beaver Creek, No. 2		133 75
Beaver Dam (Giscome Rapids)		212 02
Beaverley Creek, No. 1		338 74
Beaverley Creek, No. 2		378 51
Bell Creek		81 00
Bower Creek		247 69
Boyer Creek		31 00
Braithwaite Creek		66 00
Bridges Nos. 1, 2, and 3 (over unnamed creek)		225 00
Buffalo Creek		106 00
Camp Creek		75 00
Canoe River		25 00
Canyon Creek		225 25
Chilko-Bare Road		272 72
Chilko Creek-Hulatt Road, No. 1		398 53
Chilko Creek-Hulatt Road, No. 2		639 23
Christie Creek		56 25
Cold Spring		110 75
Cottonwood Creek		82 25
Cuzner's		98 00
Dahl Creek		54 50
Dawson Creek, No. 2		286 62
Dawson Creek Road, No. 11		213 75
Deep Gulch (Hofercamp Road)		372 36
Deep Gulch (Ness Lake Road)		336 88
Delemeter		76 76
Dodd-Mud River (South Road)		81 25
Dunster Creek		50 00
8-Mile Creek		80 00
Fetterly		122 75
5-Mile Creek		108 00
4-Mile Creek		10 00
Fox Creek		40 00
Gravel Creek		75 00
Graveyard		168 13
Griffiths		166 75
Halliday Creek, No. 1		47 75
Halliday Creek, No. 2		40 00
Henderson		358 48
Hill Creek (Stony Creek Road)		13 50
Hixon Creek		47 00
Howison Slough		322 00
Hoy's Meadow		272 31
Kalik		177 91
Little Dog Creek		170 00
Lind		290 75
Mill Creek		89 38
Miller		321 25
Moore		64 37
Morris Creek		324 97

Fort George District—Continued.

Moss Creek, No. 1	$	184 75
Moss Creek, No. 2		144 22
Mosquito Creek		25 00
Mowick Gulch		321 00
Murray Creek		77 50
McAllan's		252 84
McCullough's Crossing		140 50
McLeod Creek		334 85
Nautley		147 25
Nechako River		3,303 83
Necoslie		3,470 43
9-Mile Creek		307 00
North Dawson, No. 1		208 50
1-Mile Creek		230 00
Pacific Creek		103 50
Palmer's (Saskatoon Creek)		132 75
Pinker Creek		179 00
Poison Creek		77 50
Pouce Coupe		2,267 29
Prince Creek		102 00
Queen Street		5 63
Raymond (Dawson Creek)		209 43
Rock Creek		205 50
St. George's Creek		8 00
Salmon River		210 00
Sand Creek		139 00
Saskatoon Creek		221 75
7-Mile		173 83
Short Creek		112 25
6-Mile Meadow		120 10
Snell Creek		160 75
Station Creek		104 50
Smith's Road		70 38
Stella at Endako		219 25
Swift Creek		16 00
Tay Creek		498 90
10-Mile Creek		173 49
3-Mile Creek		33 75
Trunk Creek		80 69
2-Mile Creek (on Fort George-Stony Creek Road)		16 46
Vanderhoof (Nechako River)		92 42
Willow River Creek		85 14
Wright Creek (Deykin Road)		317 25
Wright Creek (Summit Lake Road)		999 46
Zelgin's		97 00
Total	$	25,927 29

Grand Forks District.

Plant and tools	$	3 80
Cascade (lower)		122 95
First Street		41 75
Fourth Street		30 25
Gilpin		550 62
Hardy		73 80
Lynch Creek		2,195 24
Total	$	3,018 41

Greenwood District.

Bear Trap	$	450 10
Bridges on Road No. 17		181 15
Caron		947 55
Ingram		468 49
Kettle River		270 47
Lancashire House		1,099 57
Larsens Ranch (near)		47 00
Midway, No. 1		48 50
Peanut		414 50
Robinson		510 90
Total	$	4,438 23

Islands District.

Beaver Point	$	71 13
East Road, Saanich		152 90
South Galiano Island		47 87
Total	$	271 90

Kamloops District.

Adams River (upper)	$	3,426 50
Barriere		4,406 62
Bolton Creek		124 00
Campbell Creek, No. 1		49 10
Campbell Creek, No. 2		248 15
Campbell Creek, No. 3		129 90
Chase Creek		143 69
Copper Creek (at Fehr's)		42 39
Craven's		49 98
Deadman Creek		28 50
Dry Gulch (over Rose Hill Road)		47 25
Indian Reserve Trestle		8,290 63
Jack's Creek		65 00
Kamloops (east)		2,158 48
Kamloops (west)		6,944 65
Kinghorn		50 00
Lemieux Creek, No. 1		49 97
Lemieux Creek, No. 2		49 99
Lemieux Creek, No. 3		5 02
Louise Creek		166 36
Louise Creek (protection)		843 88
Mad River		306 00
Monte Creek		48 16
North Thompson (east), 7½ miles north of Kamloops		74 00
Raft River		359 39
Reserve Creek, No. 1		90 00
Reserve Creek, No. 2		85 00
Reserve Creek, No. 3		75 00
Robbins Creek		126 00
Rocker Creek (Adams Lake Road)		73 50
Savona		242 22
Seymour River		1,000 00
Shuswap		161 01
Stillwater Flats		450 70
Sweedall Creek		108 00
Tait's		72 00

Kamloops District—Continued.

Taylor's		$ 112 50
Unnamed on Kamloops-Anglemont Road		71 50
Unnamed on Louis Creek Road		45 00
Total		$ 30,820 04
Bridge vote	$29,235 50	
Transferred from District vote	1,584 54	
Total	$30,820 04	

Kaslo District.

Snow service (clearing bridges)	$ 242 00
Plant and tools	21 45
Arrow Creek (Creston)	3 30
Briggs Creek	299 12
Burden	124 20
Canadian	4 00
Canning	35 50
Canyon, No. 131	270 50
Cemetery	329 68
Coffee Creek	55 55
Crawford Creek	48 24
Ferguson	17 50
Fourth Street	185 43
Gainor	120 50
Gerrard	18 10
Glacier Creek	1,351 37
Goat River, No. 2	8 00
Goat River, No. 3	21 00
Goat River, No. 5	97 75
Healy Creek	44 00
Howser Float	7 51
Lardeau River	84 50
Long Creek	49 50
Nick's	24 00
Poplar (protection)	80 00
Porter	1,942 76
Russell Creek	3 50
Tenderfoot Creek, No. 3	14 00
Tenderfoot Creek, No. 4	14 00
Trout Creek	110 00
Victoria	50 00
Watson, No. 92A	175 95
Total	$ 5,852 91

Lillooet District.

Generally	$ 212 15
Alexandria Creek	47 00
Baker	628 00
Big Bar	49 50
Bonaparte River	238 00
Bridges (4 small) on Chilanko Forks	42 50
Bridge Creek (Roe Lake and branches)	49 00
Bridge River (mouth of)	8,836 96
Bridge River (North Fork)	71 75
Buffalo and Milk Ranch	77 50

Lillooet District—Continued.

Canim Lake	$	17 00
Cariboo Road (small)		21 00
Cayoose Creek		39 00
Chilcotin Main		11 64
Chilcotin (suspension)		7,242 00
Churn Creek (suspension)		546 65
Churn Creek		1,765 39
Clinton Creek		81 01
Clinton-Alkali		149 60
Clinton Hill		42 00
Clinton (McGillivray Avenue)		23 00
Clinton Town		8 60
Coalpit		3 25
Doering		38 85
Dog Creek		45 00
Dry Lake		33 00
11-Mile Creek		6 50
57-Mile and 59-Mile		14 40
Fish Hatchery		33 50
Gaspard Creek		9 00
Gun Creek		4,143 51
Hanceville		1,459 42
Harper's Meadow		46 50
Hat Creek		37 10
Hoey		63 50
Lillooet (suspension)		347 12
Lower Chilcotin		930 16
Marshall		12 50
Mound		75 05
McMillen		41 20
Nea's Ranch		109 69
100-Mile House		15 00
111-Mile House		13 50
105-Mile House		8 25
117-Mile House		9 00
116-Mile House		7 00
133- and 134-Mile House		7 10
137-Mile House		7 10
127-Mile House		7 10
Riske Creek		16 50
Riske Creek (at Cotton's)		9 85
Riske Creek (North Fork)		10 00
Riske Creek (at Toosey)		10 00
Sawmill		48 20
Scotty Creek		105 00
Seton Creek		113 50
Seton Lake		121 40
Shalath Siding		233 00
61-, 74-, and 83-Mile House		17 00
South Fork		40 00
Sword		15 50
Tatla Lake		50 00
Tatlayoco Lake Road		10 00
Timothy Mountain Trail		49 25
2-Mile Creek		22 00
Tyaxon		357 75

Lillooet District—Continued.

Valley Creek (cut-off)		$ 33 65
Veasey		15 25
Walker		103 00
Ward's Ferry		813 09
Woods Box		33 00
Total		$ 29,949 49
Expended from bridge vote	$29,234 24	
Transferred from district vote on account of material, freighting, etc.	715 25	
Total	$29,949 49	

Nanaimo District.

Boulder Creek	$ 44 00
Bush Creek	37 00
Chase River	239 55
Dickinson, No. 5	203 59
Five-acre Lots	125 61
Gourlay's	246 01
Haslam Creek	45 00
Jingle Pot	36 00
Millstream	71 00
Nanaimo River	33 00
Total	$ 1,080 76

Newcastle District.

Plant and tools	$ 43 40
Boat Harbour	75 00
Bush Creek, No. 1	10 00
Bush Creek, No. 2	10 00
Bush Creek, No. 3	46 50
Cassidy's	8 00
Davis	20 00
Diamond Crossing	2 00
Fish Creek	144 24
Haslam Creek	1,118 49
Jingle Pot	38 50
Morrison, No. 1	10 50
Morrison, No. 2	15 00
Morrison, No. 3	14 00
Nanaimo River	30 00
Nanaimo River (South Fork)	2,069 10
Pearson's	1,340 62
South Wellington (old)	193 79
Waterloo	230 81
Westwood	434 53
Total	$ 5,854 48

North Okanagan District.

Plant and tools	$ 45
Ammond Road, No. 2	32 75
Baxter's	26 25
Bridge No. 21 (Vernon Section)	249 21
Cook's	35 50
Crossman	405 40

North Okanagan District—Continued.

Enderby	$	592 52
Forster's		108 85
Fortune's		120 33
Foulds and Lang		7 00
Grindrod		59 37
Haines		289 18
Kelso		8 75
Mara		30 75
Moore's		37 00
Morgan		50 12
Nicholl's		20 25
Railroad (Oyama Canal)		382 72
Silver Creek		24 50
Trinity Creek		387 21
Whiteman		107 42
Total	$	2,975 53

North Vancouver District.

Plant and tools	$	60
Birkenhead		93 85
Bowen Island Trunk Road, No. 2		84 88
Bowen Island Trunk Road, No. 3		63 76
Butterfield		47 25
Cheakamus River (foot-bridge)		233 34
Cold Creek		1 40
Gibson's Landing (three miles north of)		788 03
Gibson-Sechelt Road, No. 48		200 59
Gibson-Sechelt Road, No. 47		252 85
Lillooet		86 98
Mission Creek		22 95
Moodyville Trestle		92 34
Near 4-Mile		19 50
Owl Creek		22 50
Pemberton Portage		41 83
Poole Creek		11 25
Sakinaw Lake Trail		12 75
Salmon Slough		379 48
Squamish Valley		48 98
Total	$	2,505 11

Omineca District.

Boulder Creek	$	69 82
Buck River		1,526 26
Bulkley River (Dry Lake Road)		199 87
Bulkley River (at Hubert)		9,769 12
Bulkley River (at Hazelton)		1,049 92
Bulkley River (at Smithers)		2,494 93
Bulkley River (at Telkwa)		13,451 36
Burns Lake		1,499 47
Canyon Creek		569 14
Driftwood Creek		69 82
Endako River		698 41
14-Mile		100 00
Glacier Creek		193 50
Goat Creek		300 00

Omineca District—Continued.

Haguelgate	$	3,634 77
Hazelton, No. 14		251 23
Kulds		749 93
Mud Creek		200 00
Nadina		66 00
Skeena River Suspension		7,557 20
Two Bridge		69 82
Total	$	44,520 57

Prince Rupert District.

Plant and tools	$	6 25
Boulder Creek		197 60
Bridge approach to Government Wharf		2 00
Breckenbridge Ferry Road (2)		506 31
Canoe Crossing		5 44
Canyon Creek		231 00
Clayton's		35 95
Corlett's, No. 4		77 50
Corlett's, No. 5		93 00
Driftwood Creek		197 60
Dry Creek		1 55
Fiddler Creek		1,179 23
4-Mile		14,460 30
Glacier Creek		197 60
Grant Slough		21 90
Hagenborg, No. 2		26 42
Hagenborg, No. 20		329 75
Hagenborg, No. 21		260 00
Hagenborg, No. 25A		90 00
Hagenborg, No. 26A		125 00
Hagenborg, No. 26B		175 00
Hagenborg, No. 28		175 00
Hall Creek		28 00
Jedway		311 55
Kitsumgallum Lake Road		93 00
Kitwanga		16 77
Lean-to		56 50
Manson Creek		28 00
Nadu		47 35
Nootsatsum		38 65
Pacific (foot-bridge)		309 45
Saloomt (third crossing)		289 55
Sangan River		90 25
Skidegate-Tlell (Lot 589)		344 40
Tatla Lake, No. 1		86 00
Tatla Lake, No. 2		98 25
Terrace-Remo Road		412 70
Terrace Slough		56 75
Thorsen		897 00
Thorsen Creek, No. 26B		60 10
Thorsen Creek, No. 27		59 32
Thorsen Creek, No. 28		60 00
Two Bridge Creek		197 60
Total	$	21,975 59

Revelstoke District.

Generally	$ 139 22
Beaton	52 60
Beaton Trail-High Bridge	88 75
Big Bend (Trestle No. 1)	95 50
Big Bend (Trestle No. 2)	2 50
Big Mouth-Mica Trail	60 00
Boulder	46 75
Bowie	51 00
Bridges in canyon	56 25
Bridges on Lundell-Griffith Road	48 22
Camp Creek	30 00
Carne's Creek	10 00
Columbia River	1,854 53
Craigellachie	190 73
Cranberry Creek	60 35
Crowle's	3 50
Downie Creek	335 25
Eagle River	176 50
Eagle River (North Fork)	43 13
First west of Columbia	23 20
Fish River	75 00
5-Mile	20 00
Fourth Street	14 00
Galena Bay	488 30
Goldfield (Fish River)	238 25
Goldstream	40 00
Gorge Creek	2 25
Greeley Creek, No. 1	153 00
Greeley Creek, No. 2	60 00
Halcyon Creek	28 00
Halfway Creek	68 00
Illecillewaet Slough	3 50
Illecillewaet	27 00
Illecillewaet (upper)	10 50
Kencheeks	104 00
Laforme Creek	20 00
Lawrie	284 97
Malakwa-Craigellachie	9 65
Malakwa	407 31
Mammoth (Fish River)	116 25
Menhenick	85 50
Montana Slough	21 00
McIntosh	10 50
North Fork (1½ miles from Albert Canyon)	60 00
North Fork (5 miles from Albert Canyon)	72 00
North Fork (9 miles from Albert Canyon)	24 00
1½ miles east of Bowie	43 50
Pool Creek (Camborne)	65 50
Power-house	48 28
Sable Creek	7 75
Salmon Creek	373 00
Second (Revelstoke South)	10 72
7-Mile (Big Bend Road)	4 30
7-Mile (trestle)	5 50
17-Mile (Big Bend Road)	562 05

Revelstoke District—Continued.

Silver Creek Trail	$	684 95
16-Mile (Big Bend, No. 2)		4 00
Sicamous		148 43
Slough Bridge (Solsqua)		36 80
Slough Bridge (south of Illecillewaet)		1 50
Solsqua		105 18
South Illecillewaet		15 00
Upper Illecillewaet		8 75
Yard Creek		24 50
Total	$	7,961 52

Richmond District.

Generally (advertising)	$	18 00
Plant and tools		52 15
Eburne Bridges		1,000 72
Marine Drive		633 80
North Arm (Mainland-Twigg Island)		11,325 35
North Arm (Twigg-Lulu Island)		16,587 83
Total	$	29,617 85

Rossland District.

Bridge No. 1, Rossland-Trail Road	$	134 50
Bridge No. 2, Rossland-Trail Road		355 82
Stony Creek		203 25
Total	$	693 57

Similkameen District.

Plant and tools	$	116 45
Ashnola		2,292 62
Bridge No. 57		107 00
Coalmont		166 04
Copper Mountain (renewal)		12,762 21
Copper Mountain		130 30
5-Mile Road		17 00
Granite Creek		80 25
Keremeos Creek, Nos. 34 and 101		285 52
Keremeos Creek (9 small)		84 44
Keremeos Land Co.		60 38
Keremeos (1.4 miles)		1 60
Keremeos Station Road		205 60
Lake Shore or Okanagan		1,235 67
McIntyre (Sawmill Creek)		1,669 08
No. 101 (24 miles from Penticton)		97 75
Okanagan Falls		137 19
Osoyoos		4,174 89
Princeton-Otter Lake Road		199 50
South Keremeos		6 50
Total	$	23,829 99

Slocan District.

Appledale	$	539 83
Arrow Park Creek		83 22
Brouse		46 62

Slocan District—Continued.

Carpenter Creek (2) (North Fork Trail)	$	179 00
Carpenter Creek		4,641 97
Dog Creek		175 07
Doukhobor Meadow, No. 1		90 00
Doukhobor Meadow, No. 2		68 50
Doukhobor Meadow, No. 3		51 70
Doukhobor Meadow, No. 4		29 50
Ellingworth		29 50
Fauquier		16 12
4 miles from Nakusp		195 12
Goat River		54 00
Lebadho, No. 1		39 00
Lebadho, No. 2		50 00
Lemon Creek, No. 1		318 52
Miller's Ranch		1 75
McCormack		113 75
Nakusp Creek		4 03
North-east of Fauquier (½ mile)		99 00
North-east of Fauquier (3½ miles)		11 00
North-east of Fauquier (3¾ miles)		25 00
North-east of Fauquier (4 miles)		25 00
1 mile south of Arrow Park		117 00
Passmore's		30 90
Payne Creek		39 50
Perry's Siding		247 25
Rambler		90 50
Road Stake, No. 548		14 30
Road Stake, No. 557		2 30
Road Stake, No. 557A		5 75
Road Stake, No. 571		4 23
Road Stake, No. 574		5 65
Road Stake, No. 559A		2 35
Rosebery		4 00
Silverton-4-Mile Creek Road		132 87
Slocan River		302 04
Springer Creek		68 00
Starr Creek		36 00
Stony Creek		206 35
Surprise Wagon-road		17 00
Tamarac		44 00
Vallican or Vallance		275 85
Walker's		1,037 22
Westmount		233 50
Whatshan		59 55
Wilson Creek		42 98
Winlaw		176 60
Wonderful Trail		165 50
Total	$	10,248 39

South Okanagan District.

Plant and tools	$	116 07
Canyon Creek		111 94
Carsorso		2,942 41
Cedar Creek		97 28
4-Mile		51 10

South Okanagan District—Continued.

K.L.O.	$	43 05
Lake Shore, Nos. 7, 8, and 9		86 89
Mitchell		20 52
Sawmill Creek		41 07
Shale Point		24 19
Willow Creek		5 00
Total	$	3,539 52

Trail District.

Allandale (Syringa Creek)	$	6 06
Bear Creek		312 51
Blueberry		8 50
Brown Creek		100 00
Castlegar Ferry		2,821 95
Columbia River		192 90
Crescent Valley		114 12
Dry Creek		95 81
14-Mile (Nelson-Waneta Road)		50 32
Goose Creek		28 88
Granite Road, No. 1		408 98
Granite Road, No. 2		317 35
Granite Road (unnamed)		7 00
Harrop-Procter Road		261 18
Kelly Creek		30 10
Knox Road		4 00
Merry Creek		39 50
Murphy Creek		12 50
Nelson-Balfour		10 00
Nelson-Waneta Road		182 15
9-Mile (Nelson-Balfour)		9 00
North end, Salmo		33 00
Salmo-Yellowstone		26 12
Salmo-Ymir, No. 1		37 52
Salmon River (North Fork)		149 55
Salmon River (Salmo)		152 71
Shoreacres		343 51
Stony Creek		58 70
Taghum		194 93
Trail Creek		18 60
Wilcox Road		49 00
Yellowstone Road, No. 1		175 00
Trail	$	6,251 45

Yale District.

General (fares and freight)	$	57 35
Plant and tools		406 48
American Creek		24 75
Ashcroft (Thompson River)		265 50
Barnes Creek		27 50
Cache Creek (Back Valley)		104 00
Cache Creek (Savano Road)		107 01
Cache Creek (Campbell's)		172 20
Canford Mills		14 50
Chamox Road		64 00
Cisco		3 80

Yale District—Continued.

Cleasby		$ 203 25
Coldwater (protection)		644 69
Collettville		1,252 60
Coquahalla River		39 08
43-Mile (Merritt-Princeton)		56 25
14-Mile (Lytton-Lillooet)		4 16
Gowan Creek		236 75
Grasshopper Trestle		223 12
Harper Mill		242 94
Harrison Hot Springs Road		171 65
Highland Valley		351 25
Hope-Popcum		297 53
Lorenzette Creek		85 75
Lower Nicola		22 00
Lytton-Lillooet, No. 1		71 30
Lytton-Lillooet, No. 2		39 62
Lytton-Lillooet (2 small)		14 40
Lytton-Lillooet (1¾ miles north)		42 00
Lytton-Lillooet (4 miles north)		22 00
Martell		5 80
Merritt-Princeton (4 small)		266 57
Merritt-Spences Bridge		189 20
Middlesboro		1,640 71
Nicola Road Diversion		526 15
Richardson Road		21 60
School-house		358 69
Silver Creek		2 73
Small Creek		24 76
Spences		1 00
Spences (east)		53 25
Spences Bridge-Ashcroft Road		1,121 00
Sunshine Valley		644 43
Sunshine Valley (2 small)		70 75
Walhachin		838 26
West of Ashcroft (2 miles)		1 80
Total		$ 11,034 13
Bridge vote	$10,652 98	
Transferred from district vote	381 15	
Total	$11,034 13	

Bridges Generally.

Inspector (salary and expenses)	$ 3,652 55
King's Printer (stationery)	128 64
Total	$ 3,781 19

ROAD MACHINERY.

Public Works (autos)	$ 3,522 07
Atlin	600 00
Cariboo	90 00
Columbia	695 50
Comox	890 05
Cranbrook	2,103 07
Delta and Chilliwack	365 00
Dewdney	3,090 50

ROAD MACHINERY—*Continued.*

Esquimalt	$	1,550 00
Fort George		1,333 33
Grand Forks		679 20
Greenwood		685 00
Kamloops		2,058 91
Okanagan (North and South)		1,184 03
Omineca		736 58
Revelstoke		923 75
Similkameen		1,904 30
Slocan		80 00
The Islands		2,050 00
Vancouver		1,435 00
Vancouver Island		1,736 00
Total	$	27,712 29

LOCATION OF ROADS.

Comox	$	44 25
Esquimalt		3 50
Greenwood		105 00
Kamloops		225 50
Omineca		748 36
Trail		1,129 00
Total	$	2,255 61

WHARVES, GENERAL.

Alberni—Paul's Landing	$	197 25
Chilliwack—Agassiz-Rosedale Ferry Landing		47 88
Comox—		
Denman Island		2,611 13
Hornby Island		3,361 63
Manson's Landing		1,690 64
Mary Island		1,585 87
Minstrel Island Cove		47 00
Quathiaski Cove		2,663 01
Salmon River		1,228 30
Plant		322 59
Cowichan—		
Cowichan Bay		294 41
Maple Bay		204 60
Dewdney—Mission Ferry		1,190 29
Islands—		
Beaver Point		394 70
Burgoyne Bay		374 79
Fernwood		603 95
Fulford		97 00
Galiano		386 25
Ganges Harbour		651 25
Hope Bay		602 27
Hunter's		145 83
Mayne		324 38
Miners Bay		50 00
Moresby		376 01
North Gabriola		502 55
Port Washington		773 21

WHARVES, GENERAL—*Continued.*

Saturna (Lyall's Harbour)		$ 108 85
Thetis		152 49
Third Street		8 50
Vesuvius		377 39
Plant		8,955 29
Kaslo—Howser Float		19 86
North Okanagan—Ewing's		101 77
North Vancouver—		
Hopkins Landing		15 00
Snug Cove		6,141 47
Plant		97 50
Prince Rupert—		
Prince Rupert		5,854 61
Queen Charlotte and Boat-house		328 22
Revelstoke—Hall's Landing		217 54
Richmond—Woodward's Landing		978 13
South Okanagan—Kelowna-Westbank Ferry		13 99
Total		$ 44,097 40

PROTECTION OF RIVER-BANKS.

Cariboo—		
Bar Lake Dam		$ 396 45
Crib at Barkerville		235 00
Chilliwack—Vedder River-bank	$21,573 27	
Less credits	5,051 00	
		16,522 27
Columbia—		
Columbia River	$ 150 50	
Kicking Horse River	31,359 82	
Toby Creek Dam	613 20	
	$32,123 52	
Less credits	11,500 00	
		20,623 52
Fernie—City of Fernie		4,419 41
Kamloops—Clearwater Crossing, Mile 71, North Thompson River		199 60
North Vancouver—Squamish Dykes		986 39
Richmond—Steveston Dykes		2,367 74
Revelstoke—Illecillewaet River		595 60
South Okanagan—Mission Creek		424 24
Yale—Coldwater River		905 00
Total		$ 47,675 22

MCKENNEY CREEK DIVERSION.

McKenney Creek Diversion		$ 13,032 38
By credit		27 44
Total		$ 13,004 94

CONTINGENCIES.

Alberni (powder)	$ 78 00
Chilliwack (powder)	597 75
Columbia (powder)	292 50
Comox (powder)	141 50
Cranbrook (powder)	39 00

CONTINGENCIES—*Continued.*

Dewdney (powder)	$	409 50
Kamloops (powder)		140 00
Kaslo		61 25
Lillooet		245 00
Yale		78 00
	$	2,082 50
Printing and stationery		2,891 90
Blue-prints		813 95
Total	$	5,788 35
Total Vote 194	$1,452,483 12	

SUMMARY OF VOTE 194.

Roads, trails, and Streets	$ 895,979 86
Bridges	415,969 45
Road machinery	27,712 29
Location of roads	2,255 61
Wharves	44,097 40
Protection of river-banks	47,675 22
McKenney Creek Diversion	13,004 94
Contingencies	5,788 35
Total	$1,452,483 12

Subsidies and Maintenance, Steamboats, Ferries, and Bridges.

VOTE 195—ESTIMATES, $124,433; S.W. AND SUPPLEMENTARY, $47,750; TOTAL, $172,183.

Ferry—Barnston Island	$	663 58
„ Castlegar		4,252 05
„ Columbia River, Goldstream		180 00
„ Francois Lake		2,974 61
„ Fraser River at Agassiz		4,906 20
„ Fraser River at Alexandria		1,750 70
„ Fraser River at Big Bar		912 65
„ Fraser River at Chilliwack-Harrison		276 16
„ Fraser River at Dunster		756 21
„ Fraser River at High Bar		609 01
„ Fraser River at Ladner-Woodward		57,790 51
„ Fraser River at Lytton		821 35
„ Fraser River at MacAlister		350 00
„ Fraser River at McBride		1,233 20
„ Fraser River at Mission		5,127 14
„ Fraser River at Quesnel		2,110 53
„ Fraser River at Soda Creek		1,122 05
„ Fraser River at 20-Mile Creek (above Lillooet)		654 30
„ East Summerland		1,012 50
„ Hall's Landing		3,552 65
„ Kelowna-Westbank		1,012 95
„ Kootenay River, Lewis		107 50
„ Kootenay River, Reclamation Farm		1,529 42
„ Nechako River, Braeside		1,672 26
„ Nechako River, Fort Fraser		994 19
„ Nechako River, Hulatt		1,870 54

STEAMBOATS, FERRIES, AND BRIDGES—*Continued.*

Ferry—Nechako River, No. 3 Indian Reserve	$	961 24
„ North Thompson, Birch Island		655 05
„ North Thompson, Black Pool		1,484 27
„ North Thompson, Chinook Cove		810 51
„ North Thompson, Clearwater		1,586 04
„ North Thompson, McClune		1,104 33
„ North Thompson, Mount Olie		1,039 97
„ North Thompson, Vavenby		627 76
„ North Thompson, Vinsulla		1,091 30
„ Shuswap Lake, Sorrento, Scotch Creek		2,548 28
„ South Thompson, Ducks		1,096 57
„ South Thompson, Pritchard		1,510 14
„ Stuart River, Fort St. James		992 69
„ Skeena River, Breckenridge		626 88
„ Skeena River, Cedarville		853 67
„ Skeena River, Copper City		57 45
„ Skeena River, Hazelton		432 81
„ Skeena River, Kitwanga		1,192 22
„ Skeena River, Pacific		851 91
„ Skeena River, Terrace		3,054 57
„ Skeena River, Usk		3,310 57
„ Upper Nass River, Grease Harbour		258 00
„ West Arm, Kootenay Lake, at Nelson		5,800 62
„ Waterloo		500 00
Bridge-tender—Canoe Pass		720 00
„ Eburne Bridge		960 00
„ Kamloops		540 00
„ Pitt River		1,680 00
Steamboat subsidy—Dog Lake		1,250 00
„ North-east Arm, Arrow Lakes		2,400 00
„ Shuswap Lake		4,000 00
Total	$	142,239 11

SPECIAL WARRANT, $10,050.

Ferry—South Fort George, Soda Creek	$	10,043 16
Total	$	152,282 27

Capital Expenditure.

ROADS, STREETS, BRIDGES, AND WHARVES. (VOTE 206—$208,650.)

Fort George—Bridge at Fort Fraser, Nechako River	$	19,189 66
Prince Rupert—Wharves—Float at Cow Bay		2,847 30
Total	$	22,036 96

Mines Development Act.

(Chap. 43, 1916.)

Alberni District.

Road—Black Prince No. 2 Trail and Bridge, Cascade Creek	$	187 50
„ Great Central Lake-Big Interior		186 00

Atlin District.

Road—Salmon River	$	7,500 00
Trail—Georgia River		1,432 35
„ La Rose Mine		600 00
„ Maid of Erin Group-Rainy Hollow		635 50

Cariboo District.

Road—Upper Horsefly	$	998 60
Trail—Proserpine Mountain		250 00

Columbia District.

Trail—Boulder Creek-Sitting Bull	$	531 12
„ Bugaboo Creek		49 75
„ Carbonate-Spruce Camp		498 70
„ Fred Ball's		101 25
„ Horse Thief Creek-Gallop Mines		298 00
„ I. and L. Condor Mines		30 00
„ Lead Queen Sleigh		720 55
„ Toby Creek (above 11-Mile)		495 00
„ Toby Creek Cut-off		3,000 03
„ Trojan Copper Mines		3,724 00

Comox District.

Road—Blue Bell Mine	$	50 00
„ Valdes Island Copper Co.		950 00

Cowichan District.

Road—Jubilee Mines	$	270 08
„ Robertson's Mine		462 25

Cranbrook District.

Road—Dribble Mine-Fort Steele	$	69 00

Esquimalt District.

Road—East Sooke	$	2,000 00
„ Sooke Lake-Leach-Phillips		265 00
„ Sunloch Group		7,500 00
Bridge—McDonald Creek		179 50

Grand Forks District.

Road—Rock Candy Group	$	729 20
Trail—Galloping Mountain		2,331 25
„ Gloucester Group-Maple Leaf		1,217 00

Greenwood District.

Road—B.C. Mine-Junction	$	100 00
„ Castor Fraction Claims		101 37
„ Enterprise Mine		32 25
„ Providence Mine		100 00
„ Standard Fraction Claims		396 65

MINES DEVELOPMENT ACT—*Continued.*

Kamloops District.

Road—Copper King and McLeod Groups	$	3,000 00
„ Lydia Group-Canyon Creek		800 00

Kaslo District.

Road—Bannockburn Claim-Hall Creek	$	287 45
„ Eden and Crescent Claims		102 00
„ Jackson-Bell Mine		711 45
„ Howser-Argenta		532 87
„ Lincoln Group-Spring Creek		100 00
„ Porter Bridge-Tenderfoot Creek		556 60
Trail—Cultus Creek		622 07

Lillooet District.

Trail—Green Creek-Copper Mountain	$	1,391 68
„ Shalath Siding		362 86
„ Timothy Mountain		301 00

North Vancouver District.

Trail—Indian River	$	1,151 19
„ Mamquam River		253 25
„ Sun Group		1,554 37
„ Tonquillo Creek		1,000 00

Omineca District.

Road—Ashman's Coal Property	$	320 00
„ Copper Queen Mine		100 00
„ Hudson Bay Mountain		3,979 92
„ 9-Mile Mountain		2,494 50
„ Schaefer, Wood, and Anderson Claims		49 00
Trail—Cronin's		2,439 90

Prince Rupert District.

Trail—Chimdemash River	$	95 50
„ Drum Lummon Copper Mines		150 00
„ Pacific International Copper Co.		525 05

Revelstoke District.

Road—Big Bend Extension	$	2,955 50
„ Fish Creek		150 00
„ Mastodon Mine		1,500 00
„ Woolley Group-Silver Creek		299 00

Rossland District.

Trail—Burlington-Anaconda	$	179 50

Similkameen District.

Road—Coalmont-Tulameen	$	347 75
„ Kelly Creek-Summit Camp		180 00
Trail—Treasure Mountain		50 00
Bridge—Champion Creek		536 50
„ Tulameen River		496 00

Slocan District.

Road—Mountain Chief Mine	$	750 00
„ Silverton-4-Mile		320 50
„ Victor No. 6 (near Sandon)		80 00
Trail—Arlington Mine		101 00
„ Millie Mack		469 25

MINES DEVELOPMENT ACT—*Continued.*

Trail District.

Road—Aspen Mine-Deer Creek	$	350 20
„ Eureka Copper Co.		125 00
„ Emerald Mine-Sheep Creek		350 00
„ 49 Creek-Gold Hill Group		249 00
„ Hall Creek-Copper Mountain		99 00
„ Southern Bell Mine		199 00
„ Noonday Group		250 00

Yale District.

Road—Basque Mines	$	1,000 00
„ Emancipation Group		259 45
„ Emigrant Mine		550 00
„ Highland Transvaal Mines		6 00
Total	$	72,725 21

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TENDERS RECEIVED AND CONTRACTS AWARDED.

1st April, 1918, to 31st March, 1919.

SCHOOLS.

Work and Tenderers.	Amount.	Remarks.
CANFORD—One-room, small:		
P. McLean	$ 2,830 00	Awarded.
T. Carson	3,385 00	
Davies Construction Co.	4,377 00	Too late.
CRAWFORD BAY—One-room, large:		
O. H. Burden	2,150 00	Awarded.
T. H. Waters & Co.	3,400 00	
E. Doucett	3,325 00	Too late.
ERRINGTON—One-room, small:		
F. P. Rogers	2,615 00	Awarded.
Walter Ford	2,675 00	
McWilliam & Munro	2,956 00	
Turley Bros.	3,350 00	
McRae Bros.	2,847 90	Too late.
GANGES HARBOUR—One-room, large:		
F. P. Rogers	2,575 00	Awarded.
McWilliam & Munro	2,956 00	
J. W. Caskill	3,230 00	
LADYSMITH—One-room addition:		
McCaskill & Fraser	4,180 00	
McCaskill & Fraser (alternate)	4,850 00	Awarded.
T. Carson	4,871 00	
McWilliam & Munro	6,392 00	
NEW DENVER—Two-room and heating:		
Second Call.		
T. H. Waters & Co.	10,695 00	Not awarded.
Third Call.		
J. Layfield	10,335 00	Awarded.
T. H. Waters & Co.	11,230 00	
NORTH SAANICH—Two-room:		
Ward, Williamson, Neeves & Morris	8,000 00	Awarded.
T. Carson	8,470 00	
OCEAN FALLS—Four-room:		
D. H. Morrison	17,250 00	Awarded.
SALMON ARM—Four-room:		
H. J. Davies	13,635 00	Awarded.
T. Carson	14,000 00	
SIDNEY—One-room addition:		
Rogers & Sutherland	8,343 00	Awarded.
T. Carson	8,390 00	
Geo. A. Stevens	8,750 00	
SOUTH WELLINGTON—Four-room:		
McWilliam & Munro	9,527 00	Awarded.
WHATCOM ROAD—One-room, small:		
A. Farthing	2,396 50	Awarded.
Rogers and Sutherland	2,720 00	

BRIDGES.

Work and Tenderers.	Amount.	Remarks.
FAIRY CREEK BRIDGE:		
Broley & Martin	$12,340 00	
A. McLean	12,998 00	Awarded.
W. Greenlees	13,805 00	
J. A. McKenzie & Co.	13,820 00	
Robertson & Partners	14,327 00	
R. A. Kerr	14,600 00	
FRASER AVENUE BRIDGE:		
W. Greenlees	3,650 00	Awarded.
Armstrong, Morrison & Co., Ltd.	4,050 00	
Empress Construction Co.	4,194 00	
Dominion Construction Co., Ltd.	4,560 00	
William McNee	5,900 00	
FRASER RIVER BRIDGE, Twiggs and Lulu Islands:		
W. Greenlees	11,900 00	Awarded.
Empress Construction Co.	14,121 00	
ENGLISHMAN'S RIVER BRIDGE:		
W. Greenlees	9,976 00	Awarded.
Broley & Martin	11,630 00	
McDonald & Watson	12,650 00	
Robertson & Partners, Ltd.	12,949 00	
OYSTER RIVER BRIDGE:		
Robertson & Partners, Ltd.	8,407 00	Awarded.
W. Greenlees	9,089 00	
McDonald & Watson	11,054 00	

ROADS.

PAVING NO. 3 ROAD:		
Harrison & Lamond	$ 8,096 00	Awarded.
Christian & Sarber	8,870 40	
ISLAND HIGHWAY AND COLWOOD ROAD PAVING:		
Public Works Department	15,500 00	Work carried out by Public Works Department.
Harrison & Lamond (alternate)	21,000 00	
Cotton Co., Ltd.	25,513 00	
Cotton Co., Ltd. (alternate)	23,400 00	
Cotton Co., Ltd. (alternate)	20,915 00	

FERRIES.

Kelowna-Westbank Ferry.

Tenderer: L. A. Hayman. Accepted.

Each adult passenger	$0 25
Each child not in arms, under 13 years	0 10
Each head of cattle, horse, mule, or donkey	1 00
Two or more	0 75
Each calf, sheep, goat, or swine, etc.	0 50
Each vehicle with one horse and driver	1 50
Each cart or wagon with one horse and driver, loaded	1 50
Each vehicle with two horses and driver, unloaded	2 25
Each vehicle with two horses and driver, loaded	2 50
Each auto with driver and passengers	2 00
Each parcel of 25 lb. and under	Free.
Freight per 100 lb. and under, non-perishable	0 10
Freight per 100 lb. and under, perishable	0 10

FERRIES.—*Continued.*

Agassiz-Rosedale Ferry.

Tenderers: McGrath & Tuyttens. Not accepted. Subsidy, $3,400 per year.

Tenderers: McIntosh & Prest. Five round trips per day in summer months and three trips per day in winter (subsidy, $5,000); or same number of trips per day and a toll of 25 cents from each auto, wagon, or team for period of three years (subsidy, $3,500).

Summerland-Naramata Ferry.

Okanagan Lake Boat Co., Ltd. Renewed.

Steamer Service, South Fort George-Soda Creek.

B.C. Express Co. Subsidy, $10,000. Awarded.

ALTERATIONS, S.S. "BEAVER."

Tenderers.	Main Alterations.	Taking up and relaying deck per Square Foot.	Cleaning out and painting Compartments 9 and 12.	Deck-sheathing per Square Foot.	Galvanized Bolts per Lb.
					Cents.
1. B.C. Marine, Ltd., Vancouver....	$21,000 00	$1 85	$430 00	$0 75	3.5
2. Wallace Shipyards, North Vancouver..	20,426 00	1 80	400 00	0 75	3.5
3. Star Shipyard and Westminster Iron Works.....	18,605 00	1 75	265 00	0 75	3.5*

* Accepted.

COW BAY LAUNCH HARBOUR.

Tenderer: W. S. Muse. Awarded.

1. Untreated piles (in leads) driven in place..... 23½c. per ft.
2. Logs for floats, 3 ft. diameter..... } $15 per M.B.M.
3. Logs for floats, 2 ft. diameter..... }
4. Sawn timbers..... $37 per M.B.M.
5. Wrought iron..... 40c. per lb.
6. Cast iron..... 18c. per lb.
7. Wrought iron, galvanized..... 60c. per lb.
8. Cast iron, galvanized..... 16c. per lb.
9. Wire rope, galvanized, ⅝ in... 40c. per ft.
   Wire rope, black, ⅝ in..... 25c. per ft.
10. Boom-chains, each..... $8

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REPORT OF CHIEF INSPECTOR OF MACHINERY.

NEW WESTMINSTER, B.C., April 1st, 1919.

The Honourable the Minister of Public Works,
Victoria, B.C.

SIR,—In accordance with the provisions of the "Boilers Inspection Act," I have the honour to submit to you the Seventeenth Annual Report of the operation of the steam-boilers and machinery inspection service for the year ending March 31st, 1919.

The personnel of the service at present consists of the Chief Inspector, twelve District Inspectors, one clerk, and three stenographers, located as follows: Chief Inspector, four Inspectors, one clerk, one stenographer and typist at the head office in New Westminster, including Districts A and E; three Inspectors and one stenographer and typist in Victoria for District B; one Inspector in Nelson for District C; four Inspectors and one stenographer in Vancouver for District D.

During the year the following changes in the inspection staff have taken place: J. B. Tait was appointed Inspector for District E on September 1st, 1918, and G. C. McGown left the service on November 30th, 1918, to accept much more lucrative position as engineer surveyor for Lloyd's Register of British and foreign shipping.

The following is a summary of the routine work performed in the office of the Chief Inspector during the year, exclusive of inspections, engineers' examinations, and the work of engineer surveying, details of which will be found in the reports of the Inspectors for the different districts and that of the Chief Engineer Examiner:—

Letters inward	6,527
Letters outward	7,531
Telegrams inward	41
Telegrams outward	34
Inspectors' monthly reports examined	144
New designs examined, calculated, and reported on	53
Amendments to designs examined, calculated, and reported on	30
Fees collected for designs	$373.00
Fees collected for infractions of Act	$423.60
Number of miles travelled by Chief Inspector	4,302

I am pleased again to be able to report that there have been no boiler-explosions during the year.

The number of accidents to persons and machinery are fully set forth in the District Inspectors' reports.

It will be noted that there was only one personal accident, and I regret to say that this was fatal. This accident occurred at the Lake Lumber Company's plant, Qualicum Beach, and the person killed was S. Johnson, manager and part owner. The immediate cause of the accident was the slackening-back of the set-pin on the small bevel-wheel attached to the vertical spindle of the governor. When the vertical portion of the governor ceased rotating the governor-balls fell and opened the valve to its fullest extent. As a result of this the engine-speed was immediately increased. The engineer, H. Whitechurch, Third-class Certificate No. 3824, had been around the engine feeling the bearings, etc., a few minutes before the accident, after which he had gone over to the planer-engine to perform a similar duty. Mr. Johnson, the manager, happened to be nearer the engine than Mr. Whitechurch when the speed became excessive and went over to shut off the stop-valve. He had just started to do this when the fly-wheel went to pieces. The belt was broken; it struck Mr. Johnson and threw him against the supporting posts of the upper deck of the mill and he was instantly killed. The fly-wheel was 8 feet in diameter; width of rim, 26 inches; thickness, 3 inches. The rim was supported by double spokes, oval in shape, 3½ x 4½. The normal speed of the engine was 160 revolutions per minute, giving a periphery-speed of 4,000 feet per minute, which is about 30 per cent. less than our rules allow. The

governor in question was a Bayard, 3½ diameter valve opening. The mill was a new one just getting into working-order. Engine trials had been run and the governor had worked satisfactorily until the accident occurred. A great deal of damage was done to the mill, driving-shaft, pulleys, and belts. An inquest was held by J. Hickling, Coroner, and the jury returned a verdict of accidental death.

Under summary of defects it will be seen that the use of the safety-valve does not receive the attention it should, as one boiler was discovered operating without a safety-valve; seven were found with safety-valves inoperative; and eight overloaded, three of them to a dangerous extent. Under the heading of "pressure-gauges" it will be noted that fifteen were found inoperative and 314 defective.

The number of new boilers built for British Columbia was fifty-four, as compared with 156 for the previous year; twenty-eight of these were built in British Columbia, eight were built under inspection in Eastern Canada, one not built under inspection in Eastern Canada, and seventeen built in the United States. Of these, forty-three were put into operation in British Columbia, the remainder being in stock at the end of the year.

The number of second-hand boilers imported was thirty-two from Eastern Canada, as compared with twenty-four during the previous year; and fourteen from the United States, as compared with thirteen for the previous year.

Boilers inspected for the first time during the year number 108; five were taken out of service, being condemned as unfit for further use.

The total number of boilers now on our books is 6,092. Of these, 2,736 were inspected internally and externally, six inspected internally only, and 203 inspected externally only; thus leaving 3,147 on which no inspection was made during the year.

The number of plates tested during the year was 146, as compared with 346 for the previous year. Two plates were rejected as unfit for use in boiler-construction, as compared with fourteen in the previous year.

In connection with defects discovered, I wish to mention a case where the engineer, E. Stevens, noticed a slight leakage of steam on the side of the riveted joint opposite the caulking-edge of the plate. He immediately closed down the boiler and reported to the Inspector, F. Biggam, who at once made an examination of the boiler and applied the hydrostatic test. While the test was being applied the plate ruptured for a considerable distance. It was found that the plate had been cracked on the inside for some time, but the crack was covered by the inner lap. If this had not been noticed and prompt action taken by Mr. Stevens, there is no doubt a disastrous explosion would have occurred.

Our inspection-work has been considerably upset during the year on account of Mr. Bath and Mr. Goepel being requested by the Imperial authorities to act as engineers in charge of two vessels which were to be taken from Canada to England. Mr. Bath left Vancouver on June 16th, 1918, and returned to duty on December 9th. Mr. Goepel left on May 31st, 1918, and returned on September 23rd. The Imperial Munitions Board opened up a number of logging camps and mills for the production of aeroplane spruce. This necessitated considerable travelling of a difficult nature; the greater part of it being done by Mr. Clark, of our Victoria Office. On one of these trips he walked across Graham Island from Skidegate to Port Clements, a distance of about fifty miles, carrying his test-pump and instruments.

Arrangements were made to hold an Interprovincial Conference at Winnipeg to consider a uniform set of regulations for the whole of the Provinces of the Dominion. The meeting was called for Monday, August 26th, 1918. The following delegates were present: The Honourable E. H. Armstrong, Minister of Public Works and Mines, Halifax, N.S., representing the Province of Nova Scotia; E. F. Valiquet, Montreal, representing the Province of Quebec; Dr. Riddell, Commissioner of Labour, and D. M. Medcalf, Chief Inspector of Steam-boilers, Toronto, representing the Province of Ontario; R. A. Stewart, Acting Chief Inspector of Steam-boilers, Winnipeg, representing the Province of Manitoba; R. M. Blackburn, Chief Inspector of Steam-boilers, Regina, representing the Province of Saskatchewan; F. W. Hobson, Chief Inspector of Steam-boilers, Edmonton, Alberta, representing the Province of Alberta; and John Peck, Chief Inspector of Machinery, New Westminster, representing the Province of British Columbia. The Conference did British Columbia the honour of electing me as Chairman and R. M. Blackburn was elected Secretary. At the commencement of the Conference we decided on the following principle:—That we should: (1.) Consider and draft regulations on which all delegates could agree. These rules and regulations, after being submitted to the Governments of the different

Provinces and approved, should constitute the Standard Interprovincial Code. (2.) If cases arose on which all delegates could not agree, regulations covering these points would be framed and embodied in the regulations of the particular Provinces agreeing to them as an appendix to apply to these Provinces only. Two and three sessions a day were held. The Conference concluded its work on Saturday, September 7th, and I am pleased to report that we were able to arrive at unanimous decisions on all questions covered by the draft regulations. The report is contained in 193 typewritten pages, one copy of which was sent to each delegate. Mr. Blackburn, the Secretary, was appointed a committee of one to place the rules and formulæ in their proper order. This work has been done and a draft copy has been submitted to each of the representatives. This is embodied in eighty-one typewritten pages. A special committee, consisting of Mr. Hobson, Mr. Blackburn, and myself, was appointed to go over the final draft before submitting it to the respective Governments concerned. It has not so far been possible, however, to get this committee together, as we are waiting for a report from the Manufacturers' Association, to whom copies of our conference-work were forwarded. In the meantime we are going carefully into every case that arises in order to see how the new regulations will work out, as we wish to be quite sure that no serious changes will result if and when the interprovincial regulations become law in each Province.

I am pleased to say that the active co-operation between this Department and other departments of the Government service and between the engineers in the various public buildings is resulting in much good and efficient work being done.

In addition to the usual work of this office, we have during the year undertaken extra work as follows: Reports on various matters for Imperial Munitions Board; arranged for sending engineers, captains, and mates overseas from British Columbia for the Imperial Inland Water and Docks service; supervised repairs on the Ladner-Woodward, the Mission-Matsqui, and Agassiz-Rosedale Ferries; supervised repairs and operations in connection with steam plants in Government buildings; made surveys and repairs on the launches "Whistlewing," "Douglas," and "Embree" for the Forestry Department; the "Watla" for the Attorney-General's Department; the "Louise," "I'll Away," and "Gleam" for the Public Works Department. During the year the organization was completed for the carrying-on of inspection for the Workmen's Compensation Board, and on August 10th authority was issued to proceed with the work. The summary of inspections and safety orders made is attached hereto.

Appended you will find a summary of the total work done by all the District Inspectors as well as their separate reports, together with a summary of the work done for the Workmen's Compensation Board.

In conclusion, I desire to thank you for your active interest in support of this office, and also to thank the members of the staff for the efficient manner in which they have carried out their work during the year.

Trusting this report will meet with your approval.

I have, etc.,
JOHN PECK,
Chief Inspector.

SUMMARY OF TOTAL WORK DONE BY DISTRICT INSPECTORS FOR THE YEAR ENDING MARCH 31ST, 1919.

Number of drawings and specifications calculated for new boilers	83
„ boiler-plates inspected	146
„ boiler-plates rejected	2
„ boilers built under Inspector's supervision in British Columbia	28
„ boilers inspected built under inspection in Eastern Canada	8
„ boilers inspected built in Eastern Canada not under inspection	1
„ new boilers inspected built in United States	17
„ new boilers inspected built in British Columbia	17
„ new boilers inspected (total)	43
„ boilers imported from Eastern Canada (second-hand)	32
„ boilers imported from United States (second-hand)	14
„ boilers unclassified	19
„ first inspections	108
„ inspections, external and internal	2,027
„ internal inspections only	6

Summary of Total Work done by District Inspectors—*Continued.*

Number of external inspections only	203
„ special inspections after repairs	70
„ visits in addition to inspections	1,170
„ boilers subjected to hydrostatic test	2,458
„ boilers on which pressure was reduced	58
„ boilers unsafe without extensive repairs	44
„ boilers repaired under Inspector's directions	61
„ boilers considered unfit for further use	3
„ accidents to engines and boilers	31
„ accidents resulting in personal injury (fatal)	1
„ investigations	23
„ inspections completed	2,736
Total horse-power of boilers inspected	146,968
Number of defects observed as per summary	2,114
Number of defects considered dangerous	195
Inspection fees earned	$25,660.91
Inspection fees collected	$25,243.93
Miles travelled by the Inspector	55,352
Letters inward	6,871
Letters outward	8,394
Telegrams inward	82
Telegrams outward	70
Boilers taken out of service	5

Summary of Total Defects observed.

Nature of Defects.	Number.	Dangerous.
Boilers without safety-valves	1	1
Boilers with safety-valves inoperative	7	6
Boilers with safety-valves overloaded	8	3
Boilers with safety-valves defective in construction	22	6
Pressure-gauges inoperative	15	11
Pressure-gauges defective	314	23
Cases of insufficient staying or bracing	13	3
Cases of defective stays	17	4
Cases of broken rivets	9	2
Cases of defective riveting	3	..
Cases of broken stays or braces	52	10
Cases of loose stays or braces	23	1
Boilers damaged by low water	9	3
Defective settings	80	6
Boilers with fractured plates	45	3
Boilers with laminated plates	4	2
Boilers with burned plates	13	4
Boilers with blistered plates	22	8
Cases of sediment on fire-sheets	125	8
Cases of internal corrosion	94	3
Cases of scale or encrustation	236	7
Cases of internal grooving	7	..
Cases of external corrosion	114	8
Cases of defective tubes	72	9
Cases of defective feed-water arrangement	43	1
Cases of broken feed-valves	2	..
Serious leakage around tube-ends	77	5
Serious leakage in rivet-joints	10	4
Defective blow-off pipes or cocks	56	16
Defective water-gauges	32	5

SUMMARY OF TOTAL DEFECTS OBSERVED—*Continued.*

Nature of Defects.	Number.	Dangerous.
Broken blow-off pipes or cocks	23	3
Water-columns without blow-outs	7	2
Cases of broken test-cocks	248	..
Connections to water-columns without valves	15	3
Neutral sheets not stayed	10	3
Neutral sheets improperly stayed	5	..
Furnaces out of shape	6	..
Boilers without fusible plugs	26	3
Boilers low at front end	71	..
Cases of serious leakage of fittings	30	1
Number of hand-holes, doors having bolts and dogs burned off	6	2
Defects in engines	14	5
Boilers without hand-holes	1	..
Boilers without stop-valves	9	2
Cases of defective steam-pipes	10	2
Unclassified defects	110	7
Totals	2,116	195

JOHN PECK,
Chief Inspector of Steam-boilers.

Report of the Chief Examiner.

NEW WESTMINSTER, B.C., April 1st, 1919.

The Honourable the Minister of Public Works,
Victoria, B.C.

SIR,—I have the honour to submit to you the following report with respect to examination of candidates for engineers' certificates for the year ending March 31st, 1919:—

During the year I have received 1,232 applications for examination for the different grades of certificates.

On March 31st, 1918, I had on hand 115 applications, making a total of 1,347. Of these, 1,004 have been examined; 245 applicants have had their fees returned, as their testimonials did not show the necessary service qualifications required by the Act. This leaves on the "Accepted for Examination" file ninety-eight application forms.

RESULTS OF EXAMINATIONS.

Class.	No. examined.	Passed.	Failed.
First	5	4	1
Second	52	24	28
Third	168	103	65
Fourth	398	294	104
Special logging-donkey	110	70	40
Special logging-locomotive	7	7	..
Special creamery	1	1	..
Special heating	47	43	4
Special threshing	7	7	..
Special road-roller	1	1	..
Temporary	208	205	3
Totals	1,004	759	245

Examination fees collected by Chief Inspector	$3,167 50
Examination fees collected by other Inspectors	215 00
Duplicate certificate fees	67 50
Total	$3,450 00

Trusting this report will meet with your approval,

I have, etc.,
JOHN PECK,
Chief Engineer Examiner.

Workmen's Compensation Board.

SUMMARY OF INSPECTIONS AND SAFETY ORDERS FOR EIGHT MONTHS ENDING MARCH 31ST, 1919.

Inspector.	No. of Inspections.	No. of Safety Orders.
District A—		
John Downie	10	58
J. D. Kay	27	253
G. C. McGown	12	61
A. S. Bennett	3	13
J. B. Tait	8	16
District B—		
S. Baxter	33	141
J. Clark	46	163
L. Duckitt	13	98
District C—		
A. Sutherland	30	176
District D—		
G. O. Madigan	7	70
Totals	189	1,049

Senior Inspector's Report, District A.

NEW WESTMINSTER, B.C., April 1st, 1919.

John Peck, Esq.,
Chief Inspector of Machinery, New Westminster, B.C.

SIR,—I have the honour to submit to you the following report with respect to work done by me during the year ending March 31st, 1919:—

During the year my time was occupied in carrying out the varied work relating to this office—namely, examining, calculating, and registering designs of boilers, boiler accessories, pipe plans, etc., and examining engineers.

Appended you will find a list of the boilers inspected by me, also a list showing the number of candidates for engineers' certificates who were examined in this district during the year.

Trusting this report will meet with your approval,

I have, etc.,
JOHN DOWNIE,
Senior Inspector, District A.

SUMMARY OF WORK DONE IN DISTRICT A FOR YEAR ENDING MARCH 31ST, 1919.

Number of drawings and specifications calculated for new boilers	40
„ inspections, external and internal	16
„ external inspections only	27
„ boilers subjected to hydrostatic test	5
„ inspections completed	43
Total horse-power of boilers inspected	910
Number of defects observed as per summary	18
Inspection fees earned	$256.90
Inspection fees collected	$200.65
Miles travelled by the Inspector	1,471

WORK DONE FOR OTHER DISTRICTS.

Made a trip to Altamont, Penticton, Kelowna, Armstrong, Vernon, and Kamloops, and inspected boilers and examined engineers. Made ten inspections and gave fifty-eight safety orders for Workmen's Compensation Board.

SUMMARY OF DEFECTS OBSERVED.

Nature of Defects.	Number.	Dangerous.
Pressure-gauges defective	2	..
Cases of scale or encrustation	2	..
Cases of defective tubes	1	..
Cases of defective feed-water arrangement	3	..
Defective water-gauges	2	..
Connections to water-columns without valves	4	..
Boilers without fusible plugs	2	..
Cases of defective steam-pipes	2	..
Total	18	..

JOHN DOWNIE,
Senior Inspector of Steam-boilers, District A.

Inspector's Report, District A.

NEW WESTMINSTER, B.C., April 1st, 1919.

John Peck, Esq.,
Chief Inspector of Machinery, New Westminster, B.C.

SIR,—I have the honour herewith to submit my report for the year ending March 31st, 1919.

I am again pleased to be able to say that no explosions of boilers or serious accidents resulting in personal injury have occurred in this district. A fly-wheel at the Dominion Cedar & Shingle Company's plant burst owing to a defective bracket on the governor breaking and allowing the engine to attain an excessive speed. Fortunately no one was within range of the parts, some of which were projected 400 feet from the scene of the accident.

Boiler No. 1156A, a return-tubular boiler, was badly damaged by low water. Early in the morning the fireman opened the blow-down cock, and proceeding to shake up his fires forgot it until the boiler was empty. All the tubes and a number of the stays had to be taken out and a large amount of caulking done on the seams before the boiler could again be put into service.

Boiler No. 2163, a locomotive type, was damaged on the crown-sheet owing to the engineer allowing the water to get too low. It occurred on the night shift, and on that particular night the electric lights were off, so the engineer had to depend on a coal-oil lamp to determine the water-level. However, as the engineer admitted he knew the water was too low and took no steps to protect his boiler, his certificate was suspended.

Boiler No. 906A had a dangerous crack extending through both plates and ring of the fire-door. This is a portable threshing-boiler.

Boiler No. 1593D was so badly corroded on the top head that it was considered unfit for further use.

Two logging-donkeys were found with the beading of the tubes in such poor condition as to be dangerous, and both of them were ordered retubed. Two blow-down pipes burst during the hydrostatic test.

The attached report gives in tabulated form the various defects found.

At the beginning of August I was instructed to inspect the safety appliances in various mills for the Workmen's Compensation Board.

Since then I have made thirty complete inspections of plants, four special inspections, and investigated the cause of five accidents to employees.

This work has added considerably to the time taken to make inspections and also to the amount of travelling necessary. Formerly the time elapsing between the hydrostatic test and the internal inspection of the boiler was devoted to inspection of the engines, steam-pipes, and auxiliaries connected with the steam plant; and, although the inspection for the Workmen's Compensation Board fits in well with the steam plant inspection, the combined work occupies considerably more time.

Trusting this report meets with your approval,

I have, etc.,
JOHN D. KAY,
Inspector, District A.

REMARKS.

Assisted at the monthly examinations.

SUMMARY OF WORK DONE IN DISTRICT A FOR YEAR ENDING MARCH 31ST, 1919.

Number of new boilers inspected built in United States	1
„ new boilers inspected built in British Columbia	3
„ boilers imported from Eastern Canada (second-hand)	2
„ boilers unclassified	1
„ first inspections	7
„ inspections, external and internal	323
„ external inspections only	1
„ special inspections after repairs	30
„ visits in addition to inspections	185
„ boilers subjected to hydrostatic test	305
„ boilers on which pressure was reduced	5
„ boilers unsafe without extensive repairs	8
„ boilers repaired under Inspector's directions	16
„ accidents to engines and boilers	11
„ investigation	7
„ inspections completed	325
Total horse-power of boilers inspected	16,133
Number of defects observed as per summary	191
Number of defects considered dangerous	13
Inspection fees earned	$2,877.11
Inspection fees collected	$2,564.20
Miles travelled by the Inspector	7,867
Letters inward	266
Letters outward	340
Boilers taken out of service	1

WORK DONE FOR OTHER DISTRICTS.

Twenty-seven inspections were made for the Workmen's Compensation Board and gave 253 safety orders. Also four special inspections and five investigations of accidents.

WORK DONE BY OTHER INSPECTORS FOR THIS DISTRICT.

Seven boilers were tested in District D and fees collected by that office. The inspections were completed after being installed in this district.

SUMMARY OF DEFECTS OBSERVED.

Nature of Defects.	Number.	Dangerous.
Boilers with safety-valves defective in construction	1	..
Pressure-gauges inoperative	18	..
Pressure-gauges defective	18	..
Cases of insufficient staying or bracing	1	..
Cases of defective stays	1	1
Boilers damaged by low water	4	2
Defective settings	7	..

Summary of Defects observed—*Continued.*

Nature of Defects.	Number.	Dangerous.
Boilers with fractured plates	11	1
Boilers with burned plates	2	1
Cases of sediment on fire-sheets	17	..
Cases of internal corrosion	22	..
Cases of scale or encrustation	42	..
Cases of external corrosion	23	1
Cases of defective tubes	7	2
Serious leakage around tube-ends	7	1
Serious leakage in rivet-joints	2	1
Defective blow-off pipes or cocks	3	2
Defective water-gauges	2	..
Cases of broken test-cocks	14	..
Boilers without fusible plugs	1	..
Boilers low at front end	4	..
Defects in engines	2	1
Totals	191	13

Remarks.

Twelve boilers were inspected for the Provincial Government; the fees, amounting to $113.05, were not collected, but are credited to the earnings.

New Westminster Mental Hospital (3)	$ 17 40
Mental Hospital, Essondale (2)	36 50
Essondale Colony Farm (4)	23 15
Matsqui pumps (2)	22 40
Chilliwack pumps (1)	13 60
Total	$113 05

John D. Kay,
Inspector of Steam-boilers, District A.

Inspector's Report, District A.

Summary of Work done in District A for Year ending March 31st, 1919.

Number of inspections, external and internal	221
„ external inspections only	5
„ boilers subjected to hydrostatic test	198
„ inspections completed	226
Total horse-power of boilers inspected	10,900
Inspection fees earned	$2,209.55
Inspection fees collected	$2,527.26
Miles travelled by the Inspector	4,952
Letters inward	330
Letters outward	342

Work done for other Districts.

I made twelve inspections and gave sixty-one safety orders for the Workmen's Compensation Board.

G. C. McGown,
Inspector of Steam-boilers, District A.

Inspector's Report, Districts A and E.

NEW WESTMINSTER, B.C., April 1st, 1919.

John Peck, Esq.,
Chief Inspector of Machinery, New Westminster, B.C.

SIR,—I have the honour to submit my report for the year ending March 31st, 1919, for work done in Districts A and E.

At the beginning of the year I did the work connected with District E and made a trip to Golden, Palliser, and Chase, and another trip to Enderby District, inspecting all the boilers in these districts, and also held examinations for engineers at Golden.

I then commenced making the necessary drawings and specifications for alterations on S.S. "Beaver" to convert her into a ferry-boat for use between Ladner and Woodward, on the Fraser River. Later on in the year I spent most of my time in supervising the actual contract-work and keeping account of the extra work and expenses.

I also made charts of boiler tests and a drawing for a special Dutch oven.

The remainder of my time has been fully occupied in the office examining and calculating new boiler designs, making drawings for office records, assisting you at the monthly examination of engineers, and inspecting a few local boilers.

Trusting this report will meet with your approval,

I have, etc.,

A. S. BENNETT,
Inspector, Districts A and E.

REMARKS.

Assisted at monthly engineers' examinations.

SUMMARY OF WORK DONE IN DISTRICTS A AND E FOR YEAR ENDING MARCH 31ST, 1919.

Number of drawings and specifications calculated for new boilers	43
„ new boilers inspected built in United States	1
„ new boilers inspected (total)	1
„ first inspections	1
„ inspections, external and internal	40
„ visits in addition to inspections	19
„ boilers subjected to hydrostatic test	40
„ boilers on which pressure was reduced	2
„ inspections completed	40
Total horse-power of boilers inspected	2,825
Number of defects observed as per summary	21
Number of defects considered dangerous	1
Inspection fees earned	$407.75
Inspection fees collected	$392.65
Miles travelled by the Inspector	1,863
Letters inward	101
Letters outward	138
Telegrams outward	1

WORK DONE FOR OTHER DEPARTMENTS.

I made three inspections and gave thirteen safety orders for Workmen's Compensation Board. Work on S.S. "Beaver" for the Ladner-Woodward Ferry. Work on launch "Embree" for the Forestry Department.

SUMMARY OF DEFECTS OBSERVED.

Nature of Defects.	Number.	Dangerous.
Pressure-gauges defective	5	..
Cases of sediment on fire-sheets	2	..
Cases of internal corrosion	3	..

SUMMARY OF TOTAL DEFECTS OBSERVED—*Continued.*

Nature of Defects.	Number.	Dangerous.
Cases of scale or encrustation	2	..
Cases of external corrosion	4	..
Defective blow-off pipes or cocks	4	..
Boilers without stop-valves	1	1
Totals	21	1

A. S. BENNETT,
Inspector of Steam-boilers, Districts A and E.

Inspector's Report, District A.

NEW WESTMINSTER, B.C., April 1st, 1919.

John Peck, Esq.,
Chief Inspector of Machinery, New Westminster, B.C.

SIR,—I have the honour to submit my report for the year ending March 31st, 1919.

I joined the staff in September, 1918. For some time I assisted in figuring out designs; then made an inspection trip through the Okanagan, part of District E. Later on I took over the northern part of District A.

Most of the plants inspected were found in a satisfactory condition.

I assisted in engineers' examinations at different times, and also made eight inspections for the Workmen's Compensation Board.

Trusting this report will meet with your approval,

I have, etc.,
J. B. TAIT,
Inspector, District A.

SUMMARY OF WORK DONE IN DISTRICT A FOR YEAR ENDING MARCH 31ST, 1919.

Number of boilers imported from Eastern Canada (second-hand)	1
„ boilers unclassified	2
„ first inspections	3
„ inspections, external and internal	83
„ external inspections only	16
„ special inspections after repairs	1
„ visits in addition to inspections	7
„ boilers subjected to hydrostatic test	82
„ boilers unsafe without extensive repairs	1
„ accidents to engines and boilers	2
„ investigations	3
„ inspections completed	100
Total horse-power of boilers inspected	6,133
Number of defects observed as per summary	119
Number of defects considered dangerous	4
Inspection fees earned	$1,007.62
Inspection fees collected	$792.42
Miles travelled by the Inspector	2,737
Letters outward	307

WORK DONE FOR OTHER DISTRICTS.

I inspected digester at Powell River for District D. I inspected boilers and assisted in examinations in District E; also assisted in examinations in District B. I made eight inspections and gave sixteen safety orders for Workmen's Compensation Board.

SUMMARY OF DEFECTS OBSERVED.

Nature of Defects.	Number.	Dangerous.
Boilers with safety-valves overloaded	1	1
Pressure-gauges inoperative	2	..
Pressure-gauges defective	6	1
Cases of loose stays or braces	2	..
Boilers damaged by low-water	2	..
Boilers with burned plates	1	..
Boilers with blistered plates	4	..
Cases of sediment on fire-sheets	11	..
Cases of internal corrosion	18	..
Cases of scale or encrustation	48	..
Cases of external corrosion	4	..
Cases of defective feed-water arrangement	1	..
Defective water-gauges	1	1
Broken blow-off pipes or cocks	6	1
Water-columns without blow-outs	1	..
Cases of broken test-cocks	3	..
Neutral sheets not stayed	1	..
Boilers low at front end	1	..
Cases of serious leakage of fittings	2	..
Number of hand-holes, doors having bolts and dogs burned off	2	..
Unclassified defects	2	..
Totals	119	4

REMARKS.

Fees amounting to $17.25 were not charged, as they were made on Government institutions, and $178.25 was collected by me on inspections made by Mr. McGown.

J. B. TAIT,
Inspector of Steam-boilers, District A.

SUMMARY OF TOTAL WORK DONE IN DISTRICTS A AND E FOR YEAR ENDING MARCH 31ST, 1919.

RESULTS OF EXAMINATIONS.

Class.	No. examined.	Passed.	Failed.
First	5	4	1
Second	22	13	9
Third	72	55	17
Fourth	140	118	22
Special logging-donkey	29	22	7
Special logging-locomotive	1	1	..
Special creamery	1	1	..
Special heating	6	6	..
Special threshing	7	7	..
Special road-roller	1	1	..
Temporary	47	46	1
Totals	331	274	57

SUMMARY OF WORK DONE.

Number of drawings and specifications calculated for new boilers	83
„ new boilers inspected built in United States	2
„ new boilers inspected built in British Columbia	3
„ new boilers inspected (total)	5
„ boilers imported from Eastern Canada (second-hand)	3
„ boilers unclassified	3
„ first inspections	11
„ inspections, external and internal	683
„ external inspections only	49
„ special inspections after repairs	31
„ visits in addition to inspections	211
„ boilers subjected to hydrostatic test	630
„ boilers on which pressure was reduced	7
„ boilers unsafe without extensive repairs	9
„ boilers repaired under Inspector's directions	16
„ accidents to engines and boilers	13
„ investigations	10
„ inspections completed	734
Total horse-power of boilers inspected	36,901
Number of defects observed as per summary	349
Number of defects considered dangerous	18
Inspection fees earned	$6,758.93
Inspection fees collected	$6,477.18
Miles travelled by the Inspector	18,890
Letters inward	697
Letters outward	1,127
Telegrams outward	1
Boilers taken out of service	1

SUMMARY OF DEFECTS OBSERVED.

Nature of Defects.	Number.	Dangerous.
Boilers with safety-valves defective in construction	2	1
Pressure-gauges inoperative	2	..
Pressure-gauges defective	31	1
Cases of insufficient staying or bracing	1	..
Cases of defective stays	1	1
Cases of loose stays or braces	2	..
Boilers damaged by low water	6	2
Defective settings	7	..
Boilers with fractured plates	11	1
Boilers with burned plates	3	1
Boilers with blistered plates	4	..
Cases of sediment on fire-sheets	30	..
Cases of internal corrosion	43	..
Cases of scale or encrustation	94	..
Cases of external corrosion	31	1
Cases of defective tubes	8	2
Cases of defective feed-water arrangement	4	..
Serious leakage around tube-ends	7	1
Serious leakage in rivet-joints	2	1
Defective blow-off pipes or cocks	3	2
Defective water-gauges	5	1
Broken blow-off pipes or cocks	10	1
Water-columns without blow-outs	1	..
Cases of broken test-cocks	17	..
Connections to water-columns without valves	4	..
Neutral sheets not stayed	1	..

SUMMARY OF DEFECTS OBSERVED—*Continued.*

Nature of Defects.	Number.	Dangerous.
Boilers without fusible plugs	3	..
Boilers low at front end	5	..
Cases of serious leakage of fittings	2	..
Number of hand-holes, doors having bolts and dogs burned off	2	..
Defects in engines	2	1
Boilers without stop-valves	1	1
Cases of defective steam-pipes	2	..
Unclassified defects	2	..
Totals	349	18

JOHN DOWNIE,
JOHN D. KAY,
G. C. MCGOWN,
A. S. BENNETT,
J. B. TAIT,
Inspectors of Steam-boilers, Districts A and E.

Senior Inspector's Report, District B.

VICTORIA, B.C., April 1st, 1919.

John Peck, Esq.,
Chief Inspector of Machinery, New Westminster, B.C.

SIR.—I have the honour to lay before you my report for work done in this district during the last twelve months.

Examinations for the various grades of engineers' certificates have been held at frequent intervals, this being at least once a month in the Victoria office, tri-monthly at Nanaimo, also as opportunity occurred at the following places: Anyox, Aleza Lake, Alice Arm, Cowichan Lake, Cumberland, Dewey, Prince Rupert, Queen Charlotte Islands, Port Alberni, Prince George, and points along the Grand Trunk Pacific Railway.

In addition to the applications received from the head office and duly approved there, circumstances induced me to accept some ninety-five applications during the year. Of those, fifty-seven were approved, nineteen being for re-examination. For those approved I received $215 fees.

I made a number of special inspections, for which I collected $265.70, covering time and travelling expense.

The Inspectors of this district visited all parts thereof, and in doing so travelled about 23,056 miles, making over 900 boiler inspections and hydrostatic tests.

The following accidents to boilers and machinery occurred:—

Steam Plant No. 1119B.—The pin on the valve-gear broke, causing a shut-down of plant, but no serious damage to the engine.

Steam Plant No. 517B.—This was a boiler that had been transferred from an old site to a new position. It had been patched and well cleaned internally on the shell, but the feed-water in new locality caused a rapid exfoliation of scale from the tubes; this getting to the bottom of the boiler caused overheating and dangerous bulging of shell-plates. The boiler was immediately taken out of commission and duly repaired.

Steam Plant No. 2345B.—A fatal accident occurred at this plant. It was a new mill just starting up for the first time and running "light." A screw-bolt on the pinion of the governor-spindle worked loose, thus preventing its due control of the engines. Excessive speed was attained by the engine, which had a heavy 6-ton fly-wheel. The wheel burst into many pieces, one of which struck the manager of the mill and instantly killed him. The mill was badly wrecked and extensive damage done.

An accident to an engine at another plant was caused by the piston-rod breaking at the cross-head attachment, resulting in the complete smashing-up of the engine bed and cylinder. No one was hurt.

Steam Plant No. 2336B.—The main driving-belt of this engine broke; one end struck the governor-belt and knocked it off its pulley and on to its own shaft; this kept the belt sufficiently taut so that the tripping device could not operate. Excessive speed was attained; three spokes of the fly-wheel were fractured, but the steam was shut off in time to prevent a serious accident; two anchor-bolts were broken by the straining of the engine.

Steam Plant No. 963B.—This was an accident to a large main steam-pipe 12 inches in diameter. A portion of a flange ruptured and finally carried away, permitting the steam-pipe to go free. A large battery of boilers was thus enabled to discharge all their steam into boiler-room, so endangering the lives of all the men therein. All managed to escape through windows, etc. Prompt action of the chief engineer crawling into the room and shutting off the oil-fuel prevented further serious damage to the rapidly emptying boilers.

Plant No. 1356B.—The engine-frame developed bad cracks and finally broke in pieces. This was repaired by patch-plates, additional holding-down bolts, and a new concrete bed was placed below the engine.

No. 1491B.—This was a case where the engine eccentric sheave came loose on the shaft, broke in parts, and thus caused the straps to break. The engine was stopped before more harm was done and new sheave and straps were fitted. No one hurt.

Several times during the year I was called on by sundry departments of the Government to survey launches on their account. Those were the "Douglas," "I'll Away," and the "Gleam," all of which were reported on. I also inspected a few Government-owned boilers of 138 horse-power, and $25.70 inspection fees were credited to this Department.

The past year has been a very busy one on account of the calls of war industries, more especially in the outlying parts, such as the numerous logging and lumbering camps at the Queen Charlotte Islands, the northern fish-canneries, as well as the coal-mines, which had to exert all possible effort to replace the shortage of oil-fuel hitherto extensively used in many steam plants. In the coming year there will be a slackening-off of the logging camps, especially the spruce camps; so that reduced fees may be expected in that direction.

During the year we were called upon to do inspection-work on behalf of the Workmen's Compensation Board. I made thirty-two surveys of mills, etc., and found 107 dangerous places which I ordered to be guarded or fenced. I investigated and reported on four fatal accidents, as well as a number of cases where injury to persons had occurred.

I append herewith a summary of work done with defects noted, together with office-work performed.

In conclusion, I wish to acknowledge the efficient and cheerful assistance of my colleagues in carrying out the inspection-work of this district.

I have, etc.,

S. BAXTER,

Senior Inspector, District B.

REMARKS.

Examinations were held in Victoria at frequent intervals, at least once a month; at Nanaimo every three months. Candidates were also examined at Anyox, Aleza Lake, Alice Arm, Cowichan Lake, Cumberland, Dewey, Prince Rupert, Queen Charlotte Islands, Port Alberni, Prince George, and points along the Grand Trunk Pacific Railway.

SUMMARY OF WORK DONE IN DISTRICT B FOR THE YEAR ENDING MARCH 31ST, 1919.

Number of	boiler-plates inspected	10
„	boilers built under inspection in British Columbia	1
„	boilers built under inspection in Eastern Canada	2
„	new boilers inspected built in British Columbia	3
„	new boilers inspected (total)	5
„	boilers imported from United States (second-hand)	2
„	first inspections	7
„	inspections, external and internal	232
„	external inspections only	7
„	special inspections after repairs	10
„	visits in addition to inspections	193
„	boilers subjected to hydrostatic test	239

Number of boilers on which pressure was reduced	9
" boilers unsafe without extensive repairs	3
" boilers repaired under Inspector's directions	13
" boilers considered unfit for further use	1
" accidents to engines and boilers	8
" accidents resulting in personal injury (fatal)	1
" investigations	5
" inspections completed	239
Total horse-power of boilers inspected	14,309
Number of defects observed as per summary	150
Number of defects considered dangerous	22
Inspection fees earned	$2,398.85
Inspection fees collected	$2,557.05
Miles travelled by the Inspector	6,862
Letters inward	2,883
Letters outward	3,372
Telegrams inward	38
Telegrams outward	30
Boilers taken out of service	1

WORK DONE FOR OTHER DEPARTMENTS.

Inspected "Douglas," "I'll Away," and "Gleam." I made thirty-three inspections and gave 141 safety orders for Workmen's Compensation Board.

WORK DONE BY OTHER INSPECTORS FOR THIS DISTRICT.

One boiler for a log-haul inspected by District D.

SUMMARY OF DEFECTS OBSERVED.

Nature of Defects.	Number.	Dangerous.
Boilers with safety-valves defective in construction	1	1
Pressure-gauges inoperative	2	..
Pressure-gauges defective	22	2
Cases of broken rivets	1	1
Defective settings	12	..
Boilers with fractured plates	2	..
Boilers with laminated plates	1	1
Boilers with burned plates	1	1
Cases of sediment on fire-sheets	1	..
Cases of internal corrosion	1	..
Cases of scale or encrustation	5	1
Cases of internal grooving	2	..
Cases of external corrosion	6	1
Cases of defective tubes	1	..
Cases of defective feed-water arrangement	4	1
Serious leakage around tube-ends	14	2
Defective blow-off pipes or cocks	10	6
Defective water-gauges	2	..
Cases of broken test-cocks	44	..
Boilers without fusible plugs	8	1
Boilers low at front end	2	..
Cases of serious leakage of fittings	5	1
Defects in engines	2	..
Cases of defective steam-pipes	1	1
Unclassified defects	2	2
Totals	152	22

S. BAXTER,
Inspector of Steam-boilers, District B.

Inspector's Report, District B.

VICTORIA, B.C., April 1st, 1919.

John Peck, Esq.,
Chief Inspector of Machinery, New Westminster, B.C.

SIR,—I have the honour to submit my report for the year ending March 31st, 1919.

During the year I inspected steam plants on Vancouver Island, the Queen Charlotte Islands, Anyox, Prince Rupert, and east of Prince Rupert as far as the Alberta border.

Most of the plants inspected were in a satisfactory condition and the defects noted are given in the appended summary.

I have also inspected a number of plants for the Workmen's Compensation Board since my appointment as Inspector in August, 1918, and have recommended a large number of safety devices in the various plants.

Trusting my report meets with your approval,

I have, etc.,
L. DUCKITT,
Inspector, District B.

REMARKS.

I held examinations and assisted with examinations in various parts of the district during the year, details of which will be found in Mr. Baxter's report.

SUMMARY OF WORK DONE IN DISTRICT B FOR THE YEAR ENDING MARCH 31ST, 1919.

Number of boilers built under inspection in Eastern Canada	4
„ new boilers inspected (total)	4
„ boilers imported from Eastern Canada (second-hand)	11
„ boilers imported from United States (second-hand)	2
„ first inspections	17
„ inspections, external and internal	330
„ external inspections only	26
„ special inspections after repairs	2
„ visits in addition to inspections	41
„ boilers subjected to hydrostatic test	323
„ boilers on which pressure was reduced	8
„ boilers unsafe without extensive repairs	1
„ boilers repaired under Inspector's directions	6
„ inspections completed	356
Total horse-power of boilers inspected	18,490.5
Number of defects observed as per summary	219
Number of defects considered dangerous	60
Inspection fees earned	$3,046.95
Inspection fees collected	$3,110.90
Miles travelled by the Inspector	7,392

WORK DONE FOR OTHER DISTRICTS.

I made thirteen inspections and gave ninety-eight safety orders for Workmen's Compensation Board.

WORK DONE BY OTHER INSPECTORS FOR THIS DISTRICT.

Mr. Tait assisted me with examinations in Nanaimo.

SUMMARY OF DEFECTS OBSERVED.

Nature of Defects.	Number.	Dangerous.
Boilers with safety-valves overloaded	1	1
Boilers with safety-valves defective in construction	2	2
Pressure-gauges inoperative	10	10
Pressure-gauges defective	62	..
Cases of broken stays or braces	15	7

SUMMARY OF DEFECTS OBSERVED—*Continued.*

Nature of Defects.	Number.	Dangerous.
Defective settings	1	..
Boilers with fractured plates	5	1
Boilers with laminated plates	1	1
Boilers with burned plates	3	1
Boilers with blistered plates	4	1
Cases of sediment on fire-sheets	4	3
Cases of internal corrosion	10	..
Cases of scale or encrustation	14	4
Cases of internal grooving	1	..
Cases of external corrosion	17	2
Cases of defective tubes	10	2
Cases of defective feed-water arrangement	4	..
Serious leakage around tube-ends	2	..
Serious leakage in rivet-joints	4	2
Defective blow-off pipes or cocks	13	5
Defective water-gauges	9	3
Broken blow-off pipes or cocks	1	1
Water-columns without blow-outs	2	..
Cases of broken test-cocks	1	..
Connections to water-columns without valves	2	2
Neutral sheets not stayed	3	3
Boilers without fusible plugs	4	2
Boilers low at front end	6	..
Number of hand-holes, doors having bolts and dogs burned off	2	2
Boilers without stop-valves	1	1
Cases of defective steam-pipes	1	1
Unclassified defects	4	3
Totals	219	60

REMARKS.

The four unclassified defects were as follows: Defective main steam stop-valve; badly cracked main steam stop-valve; boiler without blow-down cock; cracked section of C.I. steam-heating plant.

I inspected one boiler for the Provincial Government; the fees ($5) were not charged.

L. DUCKITT,
Inspector of Steam-boilers, District B.

Inspector's Report, District B.

VICTORIA, B.C., April 1st, 1919.

John Peck, Esq.,
Chief Inspector of Machinery, New Westminster, B.C.

SIR,—I have the honour to forward the report of inspection-work done by me for the year ending March 31st, 1919.

This has been a very busy year, due to the fact that almost every steam-plant in our district was in operation, and in addition very many new logging camps had started up, chiefly in the Queen Charlotte Islands, to join in the production of aeroplane spruce.

The attached report gives the details of my year's work, which I trust will meet with your approval.

I have, etc.,
JOHN CLARK,
Inspector, District B.

Summary of Work done in District B for the Year ending March 31st, 1919.

Number of new boilers inspected built in Scotland	1
„ new boilers inspected (total)	1
„ first inspections	1
„ inspections, external and internal	305
„ external inspections only	6
„ special inspections after repairs	4
„ visits in addition to inspections	96
„ boilers subjected to hydrostatic test	289
„ boilers on which pressure was reduced	18
„ boilers unsafe without extensive repairs	22
„ boilers repaired under Inspector's directions	5
„ accidents to engines and boilers	5
„ investigations	6
„ inspections completed	299
Total horse-power of boilers inspected	17,459
Number of defects observed as per summary	260
Number of defects considered dangerous	28
Inspection fees earned	$2,905.15
Inspection fees collected	$2,912.65
Miles travelled by the Inspector	8,802

Work done for other Districts.

I made forty-six inspections and gave 163 safety orders for Workmen's Compensation Board.

Summary of Defects observed.

Nature of Defects.	Number.	Dangerous.
Boilers with safety-valves overloaded	4	1
Boilers with safety-valves defective in construction	1	..
Pressure-gauges defective	90	9
Cases of insufficient staying or bracing	2	..
Cases of defective stays	3	..
Cases of broken rivets	1	..
Cases of broken stays or braces	22	2
Cases of lose stays or braces	1	..
Boilers damaged by low water	1	1
Defective settings	4	2
Boilers with fractured plates	2	..
Boilers with laminated plates	1	..
Boilers with blistered plates	14	7
Cases of sediment on fire-sheets	11	2
Cases of internal corrosion	5	..
Cases of scale or encrustation	22	..
Cases of internal grooving	4	..
Cases of external corrosion	6	..
Cases of defective tubes	7	1
Serious leakage around tube-ends	3	..
Defective blow-off pipes or cocks	2	..
Defective water-gauges	10	..
Cases of broken test-cocks	35	..
Boilers without fusible plugs	1	..
Boilers low at front end	2	..
Defects in engines	4	3
Cases of defective steam-pipes	2	..
Totals	260	28

REMARKS.

The above gives in detail the work for the year, April 1st, 1918, to March 31st, 1919.

JOHN CLARK,
Inspector of Steam-boilers, District B.

SUMMARY OF TOTAL WORK DONE IN DISTRICT B FOR YEAR ENDING MARCH 31ST, 1919.

RESULTS OF EXAMINATIONS.

Class.	No. examined.	Passed.	Failed.
Second	12	6	6
Third	34	18	16
Fourth	90	63	27
Special logging-donkey	18	14	4
Special heating	11	11	..
Temporary	85	85	..
Totals	250	197	53

SUMMARY OF WORK DONE.

Number of boiler-plates inspected	10
" boiler-plates rejected	1
" boilers built under Inspector's supervision in British Columbia	1
" boilers inspected built under inspection in Eastern Canada	6
" boilers inspected built in Eastern Canada not under inspection	1
" new boilers inspected built in Scotland	1
" new boilers inspected built in British Columbia	13
" new boilers inspected (total)	10
" boilers imported from Eastern Canada (second-hand)	11
" boilers imported from United States (second-hand)	4
" first inspections	25
" inspections, external and internal	867
" external inspections only	39
" special inspections after repairs	16
" visits in addition to inspections	330
" boilers subjected to hydrostatic test	851
" boilers on which pressure was reduced	35
" boilers unsafe without extensive repairs	26
" boilers repaired under Inspector's directions	24
" boilers considered unfit for further use	1
" accidents to engines and boilers	13
" accidents resulting in personal injury (fatal)	1
" investigations	11
" inspections completed	894
Total horse-power of boilers inspected	50,258
Number of defects observed as per summary	629
Number of defects considered dangerous	110
Inspection fees earned	$8,350.95
Inspection fees collected	$8,580.60
Miles travelled by the Inspector	23,056
Letters inward	2,883
Letters outward	3,372
Telegrams inward	38
Telegrams outward	30
Boilers taken out of service	1

SUMMARY OF DEFECTS OBSERVED.

Nature of Defects.	Number.	Dangerous.
Boilers with safety-valves overloaded	5	2
Boilers with safety-valves defective in construction	4	3
Pressure-gauges inoperative	12	10
Pressure-gauges defective	174	11
Cases of insufficient staying or bracing	2	..
Cases of defective stays	3	..
Cases of broken rivets	2	1
Cases of broken stays or braces	37	9
Cases of loose stays or braces	1	..
Boilers damaged by low water	1	1
Defective settings	17	2
Boilers with fractured plates	9	1
Boilers with laminated plates	3	2
Boilers with burned plates	4	2
Boilers with blistered plates	18	8
Cases of sediment on fire-sheets	16	5
Cases of internal corrosion	16	..
Cases of scale or encrustation	41	5
Cases of internal grooving	7	..
Cases of external corrosion	29	3
Cases of defective tubes	18	3
Cases of defective feed-water arrangement	8	1
Serious leakage around tube-ends	19	2
Serious leakage in rivet-joints	4	2
Defective blow-off pipes or cocks	25	11
Defective water-gauges	21	3
Broken blow-off pipes or cocks	1	1
Water-columns without blow-outs	2	..
Cases of broken test-cocks	80	..
Connections to water-columns without valves	2	2
Neutral sheets not stayed	3	3
Boilers without fusible plugs	13	3
Boilers low at front end	10	..
Cases of serious leakage of fittings	5	1
Number of hand-holes, doors having bolts and dogs burned off	2	2
Defects in engines	6	3
Boilers without stop-valves	1	1
Cases of defective steam-pipes	4	2
Unclassified defects	6	5
Totals	631	110

S. BAXTER,
L. DUCKITT,
JOHN CLARK,
Inspectors of Steam-boilers, District B.

Inspector's Report, District C.

NELSON, B.C., April 1st, 1919.

John Peck, Esq.,
Chief Inspector of Machinery, New Westminster, B.C.

SIR,—I have the honour to submit my report for the year ending March 31st, 1919.

No new boilers were imported into this district during the year, but a number of second-hand ones were shipped in from Alberta and also several from the States. These were for the most part small and were chiefly used for construction-work and diamond-drilling.

Several old boilers that had been lying idle since the time this Act came into force and which had never been inspected were resurrected, and several were found to be badly constructed. One in particular had the top row of stays in the side-plates of the fire-box 6 inches down from the top, and the first row in the crown-sheet was 6 inches in from the side. The owner was surprised when shown the deflection in the crown-sheet under 80 lb. pressure and could not understand why it should come down when it was stayed to the shell above. He informed me that it had originally carried 100 lb. working-pressure.

One boiler was damaged from lack of water. The engineer had filled it up the afternoon before and had warmed it up a little. He closed the connections to the water-column and drained the column to prevent it freezing. Next morning he decided to heat up the water in the boiler before turning it into the column, but found that the water had all leaked out during the night.

There were several accidents to engines, but none resulting in injury to any one of the employees.

Appended you will find tabulated statement for the year.

I have, etc.,

ANDREW SUTHERLAND,
Inspector, District C.

RESULTS OF EXAMINATIONS.

Class.	No. examined.	Passed.	Failed.
Second	4	3	1
Third	7	3	4
Fourth	27	23	4
Special logging-donkey	1	..	1
Special logging-locomotive	2	2	..
Temporary	4	4	..
Totals	45	35	10

SUMMARY OF WORK DONE IN DISTRICT C FOR YEAR ENDING MARCH 31ST, 1919.

Number of boilers imported from Eastern Canada (second-hand)	6
„ boilers imported from United States (second-hand)	3
„ boilers unclassified	4
„ first inspections	13
„ inspections, external and internal	283
„ external inspections only	1
„ special inspections after repairs	12
„ visits in addition to inspections	184
„ boilers subjected to hydrostatic test	270
„ boilers on which pressure was reduced	5
„ boilers unsafe without extensive repairs	3
„ boilers repaired under Inspector's directions	12
„ accidents to engines and boilers	3
„ investigations	1
„ inspections completed	286
Total horse-power of boilers inspected	19,299

SUMMARY OF WORK DONE IN DISTRICT C—*Continued.*

Number of defects observed as per summary	574
Number of defects considered dangerous	17
Inspection fees earned	$2,987.71
Inspection fees collected	$3,020.00
Miles travelled by the Inspector	9,163
Letters inward	533
Letters outward	570
Telegrams inward	37
Telegrams outward	33
Boilers taken out of service	2

WORK DONE FOR OTHER DISTRICTS.

Five boilers were inspected in District E. I made thirty inspections and gave 176 safety orders for Workmen's Compensation Board.

SUMMARY OF DEFECTS OBSERVED.

Nature of Defects.	Number.	Dangerous.
Boilers with safety-valves defective in construction	8	..
Pressure-gauges defective	69	..
Cases of insufficient staying or bracing	8	2
Cases of defective stays	10	1
Cases of broken rivets	2	..
Cases of broken stays or braces	6	..
Cases of loose stays or braces	19	1
Boilers damaged by low water	2	..
Defective settings	42	..
Boilers with fractured plates	11	..
Boilers with burned plates	5	1
Cases of sediment on fire-sheets	46	2
Cases of internal corrosion	6	..
Cases of scale or encrustation	57	..
Cases of external corrosion	35	1
Cases of defective tubes	14	2
Cases of defective feed-water arrangement	14	..
Cases of broken feed-valves	2	..
Serious leakage around tube-ends	15	1
Serious leakage in rivet-joints	1	1
Defective blow-off pipes or cocks	17	3
Defective water-gauges	4	..
Broken blow-off pipes or cocks	5	1
Water-columns without blow-outs	2	..
Cases of broken test-cocks	65	..
Connections to water-columns without valves	7	..
Neutral sheets not stayed	5	..
Neutral sheets improperly stayed	5	..
Furnaces out of shape	6	..
Boilers without fusible plugs	5	..
Boilers low at front end	55	..
Cases of serious leakage of fittings	12	..
Defects in engines	3	..
Boilers without stop-valves	7	..
Cases of defective steam-pipes	2	..
Unclassified defects	2	1
Totals	574	17

REMARKS.

Two boilers were inspected, internally and externally, in March, but were subjected to hydrostatic pressure in May and were entered up as "inspections completed" for the latter month.

ANDREW SUTHERLAND,
Inspector of Steam-boilers, District C.

Senior Inspector's Report, District D.

VANCOUVER, B.C., April 1st, 1919.

John Peck, Esq.,
Chief Inspector of Machinery, New Westminster, B.C.

SIR,—I have the honour to submit herewith my annual report for year ending March 31st, 1919.

In looking back over the year, I find very little out of the ordinary to report, except that Mr. Biggam and myself had the office to ourselves during several months while Mr. Bath and Mr. Goepel were away on war-work.

We have only had one case of prosecution for operating illegally, for which a fine of $300 was imposed by the Magistrate, $200 on owners, and $100 on man operating without a certificate.

The only accident that we have not investigated was to compressor at Marble Bay Mine, which was smashed up and repaired without notice to this Department, either by the engineer or the owners. Fortunately no person was hurt. Mr. Biggam's report contains list of other accidents in this district.

Only a few of the logging-donkey boilers were inspected during past year owing to shortage of Inspectors. This, however, we did not consider a serious condition, as these boilers had been regularly inspected for some years and we thought it better to let them go rather than the boilers in town. Although short-handed, we managed to inspect all the heating-boilers with the exception of two or three that were not ready at the first visit, and all of the high-pressure boilers, both those in operation and those passing through the dealers' hands. This, I can assure you, was not accomplished without some hard work on the part of Mr. Biggam, to whom fell the lot of "keeping the home fires burning," as it were, while the other two Inspectors were doing their bit.

Since last report the British Columbia Sugar Refining Company has installed two Badenhausen water-tube boilers, and in connection with these intend to use granulated coal as fuel. The company has almost completed an elaborate pulverizing plant which may have a far-reaching effect on the fuel question in the Province if successful.

The large number of temporary certificates issued is accounted for by the shortage of engineers owing to the war; the spruce camps taking all the good engineers, leaving the ordinary camps with very few engineers to operate them. The labour agents had as many as eight and ten wanted on their respective books at one time; hence, in order to prevent crippling the industry, we were compelled to issue temporary certificates to tide over until more certificated men were available. This condition has been relieved for some months now.

I have, etc.,

GEORGE O. MADIGAN,
Senior Inspector, District D.

REMARKS.

Most of year was in office, keeping up records and arranging work for Inspectors.

Summary of Work done in District D for Year ending March 31st, 1919.

Number of boiler-plates inspected	22
„ boilers built under inspection in British Columbia	5
„ boilers built in Eastern Canada not under inspection	1
„ new boilers inspected built in United States	5
„ new boilers inspected built in British Columbia	9
„ new boilers inspected (total)	15
„ boilers imported from United States (second-hand)	2
„ boilers unclassified (8 copper kettles, 1 old boiler for tank, 2 marine boilers)	11
„ first inspections	28
„ inspections, external and internal	32
„ special inspections after repairs	1
„ special inspections for Compensation Board	3
„ visits in addition to inspections	72
„ boilers subjected to hydrostatic test	36
„ boilers on which pressure was reduced	2
„ boilers repaired under Inspector's directions	1
„ inspections completed	32
Total horse-power of boilers inspected	1,571.3
Number of defects observed as per summary	31
Number of defects considered dangerous	3
Inspection fees earned	$377.95
Inspection fees collected, $377.95; total for District D	$7,167.10
Miles travelled by the Inspector	565
Letters inward	2,758
Letters outward	3,325
Telegrams inward	7
Telegrams outward	6

Work done for other Districts.

I inspected one second-hand boiler for District A and collected the fees. I made seven inspections and gave seventy safety orders for Workmen's Compensation Board.

Summary of Defects observed.

Nature of Defects.	Number.	Dangerous.
Boilers with safety-valves defective in construction	1	..
Pressure-gauges defective	1	1
Cases of broken rivets	1	..
Cases of broken stays or braces	1	..
Cases of internal corrosion	1	..
Cases of external corrosion	1	1
Cases of defective tubes	2	1
Serious leakage around tube-ends	2	..
Serious leakage in rivet-joints	4	..
Split tubes	3	..
Broken blow-off pipes or cocks	2	..
Cases of broken test-cocks	1	..
Boilers without fusible plugs (to be renewed)	5	..
Boilers without enough hand-holes	1	..
Cases of defective steam-pipes	2	..
Unclassified defects	3	..
Totals	31	3

George O. Madigan,
Inspector of Steam-boilers, District D.

Inspector's Report, District D.

VANCOUVER, B.C., April 1st, 1919.

John Peck, Esq.,
Chief Inspector of Machinery, New Westminster, B.C.

SIR,—Enclosed please find my report for the year ending March 31st, 1919.

As far as the past year is concerned, it is not very much different from past years. The number of inspections has fallen somewhat; this is due to my absence from the office during June, July, August, and September, overseas in the service of the Royal Engineers, I.W. & D. Department.

Mr. Bath, who was also away at the same time as myself, assisted in the navigation of a small tug-boat (100 feet long) from Halifax to Belfast, Ireland, for the War Office.

During the period in which we were away the work of the office was ably kept up by Mr. Madigan and Mr. Biggam.

At the end of this month I am severing my connection of ten years with this Department. I find it very hard—impossible, in fact—to express the thoughts I have at parting from associations of so long and intimate a standing. Ten years have made a big difference in the work of the Boiler Inspection service. The Workmen's Compensation Board work, the supervision of Government boats and buildings, in so far as power plant is concerned, have all gradually been added, while the only thing removed has been the inspection of a few logging-locomotives.

The Inspectors of the Railway Department have had ample assistance in their work in connection with their new rules and the records of the inspection of the locomotives they have taken over.

In spite of the extra work and the inability of manufacturers to obtain plates, etc., up to the highest standard during the war period, there have been no boiler-explosions. Two boiler-explosions in twenty years is a record, I imagine, that can hardly be approached by any community; certainly I doubt if any records will show better results.

In conclusion, I have to thank you for the personal interest you have always taken in my welfare, for the help you have always so generously given me in connection with the many problems which have continually arisen in the course of our work, and for the very kind wishes you have expressed for my new venture since handing in my resignation.

In parting from Mr. Madigan, Mr. Biggam, and Mr. Bath, I feel somewhat like a man going out upon the ocean in a small boat—if such an analogy is permissible. Their assistance and co-operation have been so unselfishly given at all times. They have been as a prop to lean upon.

The Department over which you have control will always have my very best wishes; also my assistance for its welfare or advancement, if such ever becomes at all possible.

I have, etc.,

PERCY A. GOEPEL,
Inspector, District D.

SUMMARY OF WORK DONE IN DISTRICT D FOR YEAR ENDING MARCH 31ST, 1919.

Number of boiler-plates inspected	6
„ boiler-plates rejected	1
„ boilers built under inspection in Eastern Canada	1
„ new boilers inspected built in United States	2
„ new boilers inspected (total)	3
„ boilers imported from Eastern Canada (second-hand)	3
„ first inspections	6
„ inspections, external and internal	290
„ internal inspections only	1
„ special inspections after repairs	6
„ visits in addition to inspections	155
„ boilers subjected to hydrostatic test	258
„ boilers on which pressure was reduced	2
„ boilers unsafe without extensive repairs	3

SUMMARY OF WORK DONE IN DISTRICT D—*Continued.*

Number of boilers repaired under Inspector's directions	1
„ boilers considered unfit for further use	1
„ inspections completed	284
Total horse-power of boilers inspected	15,005
Number of defects observed as per summary	88
Number of defects considered dangerous	14
Inspection fees earned	$2,506.04
Inspection fees collected	$2,401.65
Miles travelled by the Inspector	1,885

WORK DONE FOR OTHER DISTRICTS.

I inspected three second-hand boilers for District A and collected the fees.

SUMMARY OF DEFECTS OBSERVED.

Nature of Defects.	Number.	Dangerous.
Pressure-gauges defective	10	5
Cases of broken rivets	3	1
Cases of broken stays or braces	3	1
Defective settings	11	4
Boilers with burned plates	1	..
Cases of sediment on fire-sheets	24	1
Cases of internal corrosion	2	..
Cases of scale or encrustation	8	..
Cases of external corrosion	1	..
Cases of defective tubes	1	..
Serious leakage around tube-ends	10	1
Broken blow-off pipes or cocks	3	..
Cases of serious leakage of fittings	4	..
Unclassified defects	7	1
Totals	88	14

PERCY A. GOEPEL,
Inspector of Steam-boilers, District D.

Inspector's Report, District D.

VANCOUVER, B.C., April 1st, 1919.

John Peck, Esq.,
Chief Inspector of Machinery, New Westminster, B.C.

SIR,—I have pleasure in forwarding you my report concerning work done during the periods April 1st, 1918, to June 16th, 1918; also December 9th, 1918, to March 31st, 1919.

On June 16th, 1918, I obtained leave of absence in order to assist in navigating a tug-boat from Eastern Canada to Belfast, Ireland, for the Imperial Government, and did not resume my duties until December 9th following.

During the time occupied in making the inspections nothing of particular interest occurred; the majority of the plants being found in a very efficient condition.

Trusting that my efforts towards the safety of the public as regards steam-boilers will be appreciated by you,

I have, etc.,
F. BATH,
Inspector, District D.

REMARKS.

It may be noted that I obtained leave of absence on June 16th and did not resume duties until December 9th following.

SUMMARY OF WORK DONE IN DISTRICT D FOR YEAR ENDING MARCH 31ST, 1919.

Number of boiler-plates inspected	4
" boilers built under inspection in Eastern Canada	1
" new boilers inspected in United States	6
" new boilers inspected (total)	7
" boilers imported from Eastern Canada (second-hand)	1
" boilers imported from United States (second-hand)	4
" first inspections	12
" inspections, external and internal	133
" external inspections only	8
" special inspections after repairs	1
" visits in addition to inspections	13
" boilers subjected to hydrostatic test	126
" boilers on which pressure was reduced	2
" boilers repaired under Inspector's directions	1
" inspections completed	143
Total horse-power of boilers inspected	6,726
Number of defects observed as per summary	37
Inspection fees earned	$1,292.00
Inspection fees collected	$1,424.40
Miles travelled by the Inspector	750
Telegrams inward	1

SUMMARY OF DEFECTS OBSERVED.

Nature of Defects.	Number.	Dangerous.
Boilers with safety-valves overloaded	1	..
Boilers with safety-valves defective in construction	1	..
Pressure-gauges defective	4	..
Cases of broken stays or braces	5	..
Cases of loose stays or braces	1	..
Boilers with fractured plates	2	..
Boilers with laminated plates	1	..
Cases of external corrosion	2	..
Cases of defective feed-water arrangement	10	..
Serious leakage around tube-ends	3	..
Defective blow-off pipes or cocks	1	..
Cases of broken test-cocks	1	..
Connections to water-columns without valves	1	..
Defects in engines	2	..
Unclassified defects	2	..
Total	37	..

F. BATH,
Inspector of Steam-boilers, District D.

Inspector's Report, District D.

VANCOUVER, B.C., April 1st, 1919.

John Peck, Esq.,
Chief Inspector of Machinery, New Westminster, B.C.

SIR,—I have the honour to forward my report for the period April 1st, 1918, to March 31st, 1919; together with a tabulated statement which takes account of the numerous rather than important defects met with during the year under review.

Of these defects only three really stand out as of any importance from a public safety standpoint. They are as follows: (1.) Rupture of an automatic stop-valve on a Goldie-McCulloch W.T. boiler at St. Paul's Hospital; (2) failure of a double-riveted lap-seam on 31D at Cotton Shingle Company's Mill, Vancouver; (3) the wreck of a steam-engine at Rat Portage Mill as the result of the crank-shaft failing at the main bearing.

I investigated these happenings, two of which, the first and third, each released enough energy to kill anything which might have chanced in its effective zone. The second was happily noticed by the engineer, E. Stevens, who wisely recognizing the danger promptly closed down and notified this office. An engineer of this calibre deserves substantial recognition in some form, and I am glad of this opportunity to bring it under your notice. Although these accidents each had the capacity of fatal consequences, fortunately no one was injured. If, however, this chance immunity were allowed to modify our attitude toward such happenings, we would fail to profit by that experience on which are built all rules for public safety. I feel inclined, therefore, to dogmatize somewhat, or at least lay down certain strictures for my own future guidance; thuswise:—

(1.) In the case of two or more boilers, one of which is being subjected to hydrostatic test whilst the others are under steam, *a blank flange must be inserted beyond the stop-valve*, effectually isolating the boiler under test and at the same time testing its cast-iron stop-valve.

(2.) The reduction of W.P. by increasing the factor of safety in a lap-seam boiler does not necessarily raise the margin of safety unless the increase takes effect before deterioration of the joint ensues. To allow a given term of years and then add to the F.O.S. is unsound and a mere groping in the dark. The structure is fundamentally unsound, and however equitable the lap-seam boiler may have been in the economy of things thirty years ago, in a technical direction everything has been moving to discredit it ever since. It really seems unnecessary to suggest an argument about what is a simple matter of fact. Even this very day there is a lap-seam boiler, R.T., 60 x 16, under construction in this district which will calmly shelter under the charitable F.O.S. 4.37, presumably to operate at 130 lb. W.P. When we know the sum of $25 roughly represents the difference in actual cost of construction, it is hard to conceive the purpose of such rooted constancy to an idea.

(3.) The definition of "boiler" in the "Boilers Inspection Act" is very comprehensive, but rather ambiguous—perhaps conveniently so—save in respect to steam-generators. In theory, if the interpretation be sufficiently stretched, it has always been the case that engines and connected machinery and so forth have been under inspection, but in practice it has never been the case. This is common knowledge and it is best to be candid about it. No responsible Inspector would certify regarding the safety of an engine by merely tapping it here and there promiscuously with a hammer. The engine must be stripped bare and parts thoroughly cleaned and laid out on the floor if an inspection of the boiler really implies inspection of engines. Perhaps the "Workmen's Compensation Act" could be used to particularly ensure the more rigid inspection of engines. Should, however, any such additional restriction be put on the steam-user, the heretofore whirlwind practice whereby only one day, usually, was sacrificed to the boiler inspection must be considerably modified.

An old engine is a dangerous thing. The popular notion that when an engine breaks down it stops, whilst true in the abstract sense, is not usually true in the particular. As noted above in reference to the Rat Portage Mill engine, there was enough energy expended by the crank-disk, connecting-rod, cross-head, and piston-rod pitching forward and the piston and cylinder cover careening backward to kill everything that might have chanced in their paths.

I reserve a sentence or two in conclusion for reference to members of the Boiler Inspection staff, Mr. McGown and Mr. Goepel, whose reports this year will denote their valedictions to

yourself as Chief Inspector and to the public as Government officials. Their going makes history, in that there had never been a single resignation from the service since its inception during the long period of nearly twenty years. That is an enviable record for any institution with a considerable staff. It is significant of a well-ordered regime undisturbed by the devious cross-currents which are popularly supposed to be incidental to the careers of all public officials. When an ancient institution like Lloyd's Registry selects from any engineering inspection staff a surveyor, it is promotion for the one and an honour to the other.

Regarding Mr. Goepel's decision to leave the service for business pursuits, I feel unable to express exactly how it personally affects myself. For upwards of eight years we have been associated in the closest way in carrying on the work of Vancouver District. Without qualification I state that during all that time of intimate co-operation never for one moment were our cordial relations other than perfect. Quite aware as I am of certain infirmities of temper, the entire credit for such constancy I freely give to Mr. Goepel. It is refreshing to look back upon such a time of agreeable working together, but it ill softens the sentiments with which I contemplate its nearing its end. Not unnaturally I regard Mr. Goepel's career in a wider field with very special interest, an interest shared, I feel sure, by every one of his late colleagues on the staff, and it is no exaggeration to affirm that in the good wishes of the staff he has at his disposal the most chastened and therefore the most reliable engineering experience—from a local standpoint at least—available in this part of the country.

Thanking you for unfailing courtesy and kindness during the past year,

I have, etc.,

FRED. BIGGAM,
Inspector, District D.

SUMMARY OF WORK DONE IN DISTRICT D FOR YEAR ENDING MARCH 31ST, 1919.

Number of boiler-plates inspected	104
„ boiler-plates rejected	1
„ boilers built under inspection in British Columbia	22
„ new boilers inspected built in United States	1
„ new boilers inspected built in British Columbia	2
„ new boilers inspected (total)	3
„ boilers imported from Eastern Canada (second-hand)	8
„ boilers imported from United States (second-hand)	1
„ boilers unclassified	1
„ first inspections	13
„ inspections, external and internal	239
„ internal inspections only	5
„ external inspections only	106
„ special inspections after repairs	3
„ visits in addition to inspections	205
„ boilers subjected to hydrostatic test	287
„ boilers on which pressure was reduced	5
„ boilers unsafe without extensive repairs	3
„ boilers repaired under Inspector's directions	6
„ boilers considered unfit for further use	1
„ accidents to engines and boilers	2
„ investigations	1
„ inspections completed	363
Total horse-power of boilers inspected	17,208
Number of defects observed as per summary	406
Number of defects considered dangerous	33
Inspection fees earned	$3,279.58
Inspection fees collected	$2,962.15
Miles travelled by the Inspector (approximate)	1,041
Boilers taken out of service	1

WORK DONE FOR OTHER DISTRICTS.

The undernoted boilers were inspected during the year. No inspection fees were collected, but said fees are included in earnings:—

University of British Columbia	$ 5 00
University of British Columbia	10 00
Normal School	16 90
Court-house	50 20
Total	$82 10

I inspected three boilers for District A and collected the fees.

SUMMARY OF DEFECTS OBSERVED.

Nature of Defects.	Number.	Dangerous.
Boilers without safety-valves	1	1
Boilers with safety-valves inoperative	7	6
Boilers with safety-valves overloaded	2	1
Boilers with safety-valves defective in construction	6	2
Pressure-gauges inoperative	1	1
Pressure-gauges defective	25	5
Cases of insufficient staying or bracing	2	1
Cases of defective stays	3	2
Cases of broken rivets	1	..
Cases of defective riveting	3	..
Defective settings	3	..
Boilers with fractured plates	12	1
Cases of sediment on fire-sheets	9	..
Cases of internal corrosion	26	3
Cases of scale or encrustation	36	2
Cases of external corrosion	15	2
Cases of defective tubes	29	1
Cases of defective feed-water arrangement	5	..
Serious leakage around tube-ends	16	..
Serious leakage in rivet-joints	3	..
Defective blow-off pipes or cocks	8	..
Defective water-gauges	2	1
Broken blow-off pipes or cocks	4	..
Water-columns without blow-outs	2	2
Cases of broken test-cocks	84	..
Connections to water-columns without valves	1	1
Neutral sheets not stayed	1	..
Boilers low at front end	1	..
Cases of serious leakage of fittings	7	..
Number of hand-holes, doors having bolts and dogs burned off	2	..
Defects in engines	1	1
Unclassified defects	88	..
Totals	406	33

FRED. BIGGAM,
Inspector of Steam-boilers, District D.

SUMMARY OF TOTAL WORK DONE IN DISTRICT D FOR YEAR ENDING MARCH 31ST, 1919.

RESULTS OF EXAMINATIONS.

Class.	No. examined.	Passed.	Failed.
Second	14	2	12
Third	55	27	28
Fourth	141	90	51
Special logging-donkey	62	34	28
Special logging-locomotive	4	4	..
Special heating	30	26	4
Temporary	72	70	2
Totals	378	253	125

SUMMARY OF WORK DONE.

Number of boiler-plates inspected	136
" boiler-plates rejected	2
" boilers built under Inspector's supervision in British Columbia	27
" boilers inspected built under inspection in Eastern Canada	2
" boilers inspected built in Eastern Canada not under inspection	1
" new boilers inspected built in United States	14
" new boilers inspected built in British Columbia	11
" new boilers inspected (total)	28
" boilers imported from Eastern Canada (second-hand)	12
" boilers imported from United States (second-hand)	7
" boilers unclassified	12
" first inspections	59
" inspections, external and internal	194
" internal inspections only	6
" external inspections only	114
" special inspections after repairs	11
" visits in addition to inspections	445
" boilers subjected to hydrostatic test	707
" boilers on which pressure was reduced	11
" boilers unsafe without extensive repairs	6
" boilers repaired under Inspector's directions	9
" boilers considered unfit for further use	2
" accidents to engines and boilers	2
" investigations	1
" inspections completed	822
Total horse-power of boilers inspected	40,510
Number of defects observed as per summary	562
Number of defects considered dangerous	50
Inspection fees earned	$7,563.32
Inspection fees collected	$7,166.15
Miles travelled by the Inspector	4,241
Letters inward	2,758
Letters outward	3,325
Telegrams inward	7
Telegrams outward	6
Boilers taken out of service	1

SUMMARY OF DEFECTS OBSERVED.

Nature of Defects.	Number.	Dangerous.
Boilers without safety-valves	1	1
Boilers with safety-valves inoperative	7	6
Boilers with safety-valves overloaded	3	1

SUMMARY OF DEFECTS OBSERVED—*Continued.*

Nature of Defects.	Number.	Dangerous.
Boilers with safety-valves defective in construction	8	2
Pressure-gauges inoperative	1	1
Pressure-gauges defective	40	11
Cases of insufficient staying or bracing	2	1
Cases of defective stays	3	2
Cases of broken rivets	5	1
Cases of defective riveting	3	..
Cases of broken stays or braces	9	1
Cases of loose stays or braces	1	..
Defective settings	14	4
Boilers with fractured plates	14	1
Boilers with laminated plates	1	..
Boilers with burned plates	1	..
Cases of sediment on fire-sheets	33	1
Cases of internal corrosion	29	3
Cases of scale or encrustation	44	2
Cases of external corrosion	19	3
Cases of defective tubes	32	2
Cases of defective feed-water arrangement	17	..
Serious leakage around tube-ends	36	1
Serious leakage in rivet-joints	3	..
Defective blow-off pipes or cocks	11	..
Defective water-gauges	2	1
Broken blow-off pipes or cocks	7	..
Water-columns without blow-outs	2	2
Cases of broken test-cocks	86	..
Connections to water-columns without valves	2	1
Neutral sheets not stayed	1	..
Boilers without fusible plugs	5	..
Boilers low at front end	1	..
Cases of serious leakage of fittings	11	..
Number of hand-holes, doors having bolts and dogs burned off	2	..
Defects in engines	3	1
Boilers without hand-holes	1	..
Cases of defective steam-pipes	2	..
Unclassified defects	100	1
Totals	562	50

GEORGE O. MADIGAN,
PERCY A. GOEPEL,
F. BATH,
F. BIGGAM,
Inspectors of Steam-boilers, District D.

LIST OF REGISTERED DESIGNS.

LIST OF BOILER MANUFACTURERS, WITH THEIR NUMBER OF APPROVED AND REGISTERED DESIGNS.

Alley & McLellan, Glasgow, Scotland	1
Allbright-Nell Co., Chicago, Ill., U.S.A.	1
American Radiator Co. of Canada, Toronto, Ont.	30
American Hoist & Derrick Co., St. Paul, Minn., U.S.A.	26
American Locomotive Co., New York, U.S.A.	6
Ames Iron Works, Oswego, N.Y., U.S.A.	5
Atlas Engine Works, Indianapolis, U.S.A.	1
Averling & Porter, Rochester, England	1
Avery Co., Peoria, Ill., U.S.A.	2
Babcock & Wilcox, Renfrew, Scotland	22
Badenhausen Co., Philadelphia, Pa., U.S.A.	4
Baldwin Locomotive Works, Philadelphia, U.S.A.	20
B.C. Marine Railway Co., Vancouver and Victoria, B.C.	5
Beatty, M., & Sons, Ltd., Welland, Ont.	15
Berg Machinery Manufacturing Co., Toronto, Ont.	1
Bell, Robert, Engine & Threshing Co., Ltd., Seaforth, Ont.	5
Brown Hoisting Co., Cleveland, Ohio, U.S.A.	2
Bros., William, Minneapolis, U.S.A.	7
Brownell Co., The, Dayton, Ohio, U.S.A.	3
Browning Engineering Co., Cleveland, Ohio, U.S.A.	1
Bucyrus Co., South Milwaukee, U.S.A.	20
Buffalo Steam Roller Co., Buffalo, N.Y., U.S.A.	1
Canadian Allis-Chalmers, Ltd., Toronto, Ont.	2
Canada Foundry Co., Toronto, Ont.	22
Canada Iron Corporation, Ltd., Midland, Ont.	6
Canadian Northern Railway, Winnipeg, Man.	3
Canadian Talbot Boiler Co., Vancouver, B.C.	1
Case, J. I., Threshing Co., Racine, Wis., U.S.A.	22
Casey-Hedges Co., Ltd., Chattanooga, Tenn., U.S.A.	1
Canadian Locomotive Co., Kingston, Ont.	5
Canadian Western Manufacturing & Supply Co., Calgary, Alta.	1
Clyde Iron Works, Duluth, Minn., U.S.A.	9
Climax Manufacturing Co., Corry, Pa., U.S.A.	6
Clayton, Son & Co., Leeds, England	1
Columbiana Boiler Works Co., Ltd., Ohio, U.S.A.	4
Continental Iron Works, New York, U.S.A.	1
Cochrane & Co., Annan, Scotland	1
Davenport Locomotive Works, Davenport, Iowa, U.S.A.	13
Decarie Safety Boiler Co., Vancouver, B.C.	4
Diamond Boiler Works, Minneapolis, U.S.A.	1
Doty Engine Works, Goderich, Ont.	6
Dutton Co., C. H., Kalamazoo, Mich., U.S.A.	7
Empire Manufacturing Co., Ltd., Vancouver, B.C.	9
Erie City Iron Works, Erie, Pa., U.S.A.	5
Farquhar Co., A. B., York, Pa., U.S.A.	7
Foden, Ltd., Sandback, England	2
Frost Manufacturing Co., Galesburgh, Ill., U.S.A.	36
Garr, Scott & Co., Richmond, Ind., U.S.A.	1
Gem City Boiler Works, Dayton, Ohio, U.S.A.	1
Georgian Bay Engine Works, Midland, Ont.	1
Goldie-McCulloch Co., Galt, Ont.	49

LIST OF BOILER MANUFACTURERS—*Continued.*

Grand Trunk Pacific Railway Co.	2
Gray, Andrew, Marine Iron Works, Victoria, B.C.	8
Great Northern Railway, Winnipeg, Man.	2
Gurney Foundry Co., Ltd., Toronto, Ont.	16
Hamilton Manufacturing Co., W., Peterboro, Ont.	1
Heaps Engineering Co., Ltd., New Westminster, B.C.	4
Heisler Locomotive Works, Erie, Pa., U.S.A.	7
Holt Manufacturing Co., Stockton, Cal., U.S.A.	2
Houston, Stanwood & Gamble, Cincinnati, Ohio, U.S.A.	1
Imperial Oil Co., Sarnia, Ont.	6
International Engineering Works, Amherst, N.S.	34
Inglis Co., John, Toronto, Ont.	8
Industrial Works, Bay City, Mich., U.S.A.	3
Jenckes Machine Co., Ltd., St. Catharines, Ont.	93
Johnston Bros., Ferrysburg, Pa., U.S.A.	1
Keeler, E., Co., Williamsport, Pa., U.S.A.	1
Kelly Springfield Road Roller Co., Springfield, Ohio, U.S.A.	1
Kewanee Boiler Co., Kewanee, Ill., U.S.A.	15
Keystone Driller Co., Beaver Falls, Pa., U.S.A.	3
Leonard & Sons, E., London, Ont.	36
Leffell & Co., James, Springfield, Ohio, U.S.A.	1
Lidgerwood Manufacturing Co., Brooklyn, N.Y., U.S.A.	4
Lima Locomotive & Machine Co., Lima, Ohio, U.S.A.	20
Lyons Boiler Works, DePere, Wis., U.S.A.	2
Manitowoc Iron Works, Manitowoc, Wis., U.S.A.	2
Mann's Patent Steam Cart & Wagon Co., Leeds, England	3
Marine Iron Works, Victoria, B.C.	8
Marion Steam Shovel Co., Marion, Ohio, U.S.A.	35
Marion Osgood Co., Marion, Ohio, U.S.A.	5
Marsh & Henthorne, Belleville, Ont.	10
Matheson & Co., J., Ltd., New Glasgow, N.S.	10
Marshall & Sons Co., Ltd., Gainsborough, England	1
Mainland Iron Works, Vancouver, B.C.	1
Macdougall Co., John, Caledonian Iron Works, Montreal, Que.	3
Mechanical Manufacturing Co., Chicago, Ill., U.S.A.	1
Montreal Locomotive Works, Montreal, Que.	9
Murray-Latta Machine Works, Vancouver, B.C.	1
Nagle Engine & Boiler Works, Erie, Pa., U.S.A.	1
Nicol Boiler Works, Vancouver, B.C.	2
Napanee Iron Works, Napanee, Ont.	1
North Shore Iron Works, North Vancouver, B.C.	41
Northern Aluminium Co., Toronto, Ont.	3
Oil City Boiler Works, Oil City, Pa., U.S.A.	1
Orr & Sembower, Reading, Pa., U.S.A.	19
Pennsylvania Boiler Works, Erie, Pa., U.S.A.	3
Porter Co., H. K., Pittsburgh, Pa., U.S.A.	10
Polson Iron Works, Toronto, Ont.	1
Puget Sound Iron & Steel Works, Tacoma, Wash., U.S.A.	2
Risdon Locomotive & Iron Co., San Francisco, Cal., U.S.A.	1
Robey & Co., Lincoln, England	2
Ross & Howard Iron Works, Ltd., Vancouver, B.C.	32
Ruston-Proctor Co., Lincoln, England	7
Sawyer-Massey Co., Ltd., Hamilton, Ont.	15
Seattle-Astoria Iron Works, Seattle, Wash., U.S.A.	1
Standard Iron Works, Vancouver, B.C.	1
Sterns Co., Erie, Pa., U.S.A.	1

LIST OF BOILER MANUFACTURERS—*Continued.*

Sumner Iron Works, Everett, Wash., U.S.A.	1
Swift & Co., Chicago, Ill., U.S.A.	1
Taylor, Forbes & Co., Ltd., Vancouver, B.C.	30
Thew Automatic Shovel Co., Lorraine, Ohio, U.S.A.	5
Toronto Iron Works, Ltd., Toronto, Ont.	1
Twohy Bros. Co., Portland, Ore., U.S.A.	1
Union Iron Works, Erie, Pa., U.S.A.	48
Vancouver Engineering Works, Vancouver, B.C.	78
Victoria Machinery Depot Co., Victoria, B.C.	33
Vulcan Iron Works, Vancouver, B.C.	38
Vulcan Iron Works, Seattle, Wash., U.S.A.	1
Vulcan Iron Works, Wilkes-Barre, Pa., U.S.A.	1
Vulcan Iron Works, Winnipeg, Man.	1
Waterous Engine Works, Brantford, Ont.	64
Washington Iron Works, Seattle, Wash., U.S.A.	38
Western Dry Dock & Shipbuilding Co., Ltd., Port Arthur, Ont.	2
Wickes Boiler Co., Saginaw, Mich., U.S.A.	5
Williamette Iron & Steel Works, Portland, Ore., U.S.A.	6

LIST OF MAKERS WHO HAVE REGISTERED AND APPROVED BOILER ACCESSORY DESIGNS.

Spring Safety-valves.

	6 in.	5 in.	4½ in.	4 in.	3½ in.	3 in.	2½ in.	2 in.	1½ in.	1¼ in.	1 in.	¾ in.	½ in.
American Steam Gauge & Valve Co., Boston, Mass., U.S.A.	1	1	1	1	..	2	5	5	3	3	2	2	..
Ashton Valve Co., Boston Mass., U.S.A.	..	..	..	3	2	..	1	..	..	..	..	..	..
Consolidated Safety Valve Co., New York, U.S.A.	..	..	..	1	..	5	1	1	1	..	..	..	..
Crane Co., Chicago, Ill., U.S.A.	1	1	1	2	1	1	2	2	2	2	3	2	2
Crosby Steam Gauge & Valve Co., Chicago, Ill., U.S.A.	..	..	..	..	..	2	3	1	1	..	..	..	..
E. Leonard & Sons, London, Ont.	..	..	..	..	..	1	1	1	1	..	..	..	..
J. E. Lonergan & Co., Philadelphia Pa., U.S.A.	..	..	..	..	..	1	1	2	2	1	1	..	..
James Morrison Brass Manufacturing Co., Ltd., Toronto, Ont.	..	..	..	..	..	..	1	..	..	..	..	..	..
Letson & Burpee, Ltd., Vancouver, B.C.	..	..	..	..	..	..	..	..	1	..	..	..	..
Lunkenheimer Co., Cincinnati, U.S.A.	..	1	1	3	3	6	4	4	1	1	1	1	1
T. McAvity & Sons, St. John, N.B.	..	..	..	1	..	1	1	7	1	1	1	1	1
Ruston, Proctor & Co., Ltd., Lincoln, England	..	..	..	..	..	..	..	..	1	..	..	..	..
International Engineering Works, Amhurst, N.S.	..	..	..	..	..	1	..	..	..	..	..	..	..
Waterous Engine Works, Ltd., Brantford, Ont.	..	..	..	..	..	1	..	..	..	..	..	..	..

Main Stop-valves.

American Locomotive Co., New York, U.S.A.	3
Canadian Locomotive Co., Ltd., Kingston, Ont.	3
Crane Co., Chicago, Ill., U.S.A.	6
Empire Manufacturing Co., London, Ont.	5
Heisler Locomotive Works, Erie, Pa., U.S.A.	1
G. M. Favis Regulator Co., Chicago, Ill., U.S.A.	1
Jenkins Bros., Ltd., Montreal, Que.	15
Lunkenheimer Co., Cincinnati, Ohio, U.S.A.	12
Montreal Locomotive Works, Ltd., Montreal, Que.	3
Nathan Manufacturing Co., New York, U.S.A.	1
Pemberthy Injector Co., Ltd., Windsor, Ont.	2

Steam-gauges.

Ashcroft Manufacturing Co., New York, U.S.A.	5
United States Gauge Co., New York, U.S.A.	2

Blow-off Cocks and Valves.

American Locomotive Co., New York, U.S.A.	1
Crane Co., Chicago, Ill., U.S.A.	4
Elliott Co., Pittsburgh, Pa., U.S.A.	1

LIST OF MAKERS OF BOILER ACCESSORIES—*Continued.*

Blow-off Cocks and Valves—Continued.

Engineering Specialties Co., Toronto, Ont.	4
Homestead Valve Manufacturing, Pittsburgh, Pa., U.S.A.	2
Jenkins Bros., Ltd., Montreal, Que.	3
Lunkenheimer Co., Cincinnati, Ohio, U.S.A.	6
Montreal Locomotive Works, Montreal, Que.	1

Safety Apparatus.

Kilkenny Automatic Safety Appliance Co., Walla Walla, Wash.	1

Water-gauge Fittings.

American Locomotive Co., New York, U.S.A.	1
Jenkins Bros., Ltd., Montreal, Que.	1
McAvity & Sons, T., St. John, N.B.	1
Canadian Locomotive Co., Kingston, Ont.	1
James Morrison Brass Manufacturing, Ltd., Toronto, Ont.	2
Montreal Locomotive Works, Montreal, Que.	1
Pemberthy Injector Co., Ltd., Windsor, Ont.	4
Huyette, Paul B., Co., Philadelphia, Pa., U.S.A.	1

Test-cocks (or Valves).

American Locomotive Co., New York, U.S.A.	1
Canadian Locomotive Co., Kingston, Ont.	1
J. I. Case Threshing Machine Co., Racine, Wis., U.S.A.	1
Montreal Locomotive Works, Montreal, Que.	1
James Morrison Brass Manufacturing Co., Ltd., Toronto, Ont.	2
T. McAvity & Sons, St. John, N.B.	1
Nathan Manufacturing Co., New York, U.S.A.	1
Pemberthy Injector Co., Ltd., Windsor, Ont.	2
Huyette, Paul B., Co., Philadelphia, Pa., U.S.A.	1

Superheaters.

Power Specialty Co., New York, U.S.A.	3

Economizers.

Green Economizer Co., Toronto, Ont.	1
B. F. Sturtevant Co., Boston, Mass., U.S.A.	1

Combined Check and Feed Valves.

Lyttle Manufacturing Co., Montreal, Que.	2
Nathan Manufacturing Co., New York, U.S.A.	3

Retorts, Digesters, etc.

Letson & Burpee, Ltd., Vancouver, B.C.	Retort	1
Schaake Co., Ltd., Vancouver, B.C.	Retort	1
Vulcan Iron Works, Vancouver, B.C.	Digester	1

ENGINEERS WHO OBTAINED CERTIFICATES.

(YEAR ENDING MARCH 31ST, 1919.)

FIRST CLASS.

Brooks, W. H.	12755	McDowell, C. A.	12253
Hollins, Evelyn	12775	Taylor, D. J. H.	12872

SECOND CLASS.

Arnold, William	12466	Johnson, Pontus	12344
Baron, Harry	12149	Leech, William	12781
Cathcart, C. W.	12326	Lee, Alexander	12347
Clark, Herbert	12539	Marks, I. E.	12166
Clark, T. H.	12762	Marshall, Samuel	12700
Cunningham, J. W.	12232	Osborne, E. A. W.	12578
Defieux, O. T.	12547	Sallis, Arthur	13036
Drew, T. H.	12122	Smart, R. K.	12966
Ellis, William	13001	Valentine, E. W.	12454
Ford, R. E.	12426	Verdon, J. B.	12490
Hall, Fred	13016	Wigton, J. F.	13066
Hawkes, F. G.	12560	Woolcock, G. T.	13051

THIRD CLASS.

Adam, N. M.	12147	Hilton, H. W.	12927
Allen, Charles	12696	Howarth, G. E.	12065
Alexander, Alexander	12893	Hodgson, G. F.	12724
Alcock, F. G.	12985	Hughes, Daniel	12931
Angle, Roy	12183	Jamison, J. W.	12434
Barnett, A. E.	12321	Jones, E. T.	12726
Ballard, H. H.	12659	Jones, H. H.	12934
Beckman, C. E.	12229	Johns, W. T.	13019
Bennett, John	12754	Kay, William	12067
Boyle, Henry	12094	Kelly, A. G.	12842
Bourke, Walter	12116	Knox, T. J.	12101
Brown, C. C.	12530	Lade, F. L.	12163
Busby, Benjamin	12534	Lange, C. G.	13022
Campbell, Charles	12188	Low, C. C.	12784
Cass, L. O.	12611	Matheson, W. A.	12240
Cardinell, T. W.	12905	Marsaw, Leon	12620
Cornwell, William	12422	Moncrieff, Henry	12071
Conroy, Peter	12541	Mueller, S. B.	12167
Craven, George	12912	McKenzie, A. B.	12279
Craig, A. H.	12995	Nielson, A. S.	12734
Cudlipp, A. B.	12056	Orr, Harry	12487
Cunningham, R. J.	12542	Owen, R. M.	12205
Cumming, Robert	12763	Phillips, William	12580
Dale, W. E.	12474	Postlethwaite, Frank	12078
Donaldson, George	12551	Pryor, J. W.	12174
Dobney, Henry	12828	Pritchard, A. E.	12583
Dowsett, Alfred	12997	Pratt, David	12859
Ferguson, J. D.	12377	Rawson, Bernard	12175
Forbes, Alexander	12334	Radford, R. R.	12862
Free, W. I.	12664	Redmond, Clarence	12956
Gaunt, Cyril	13004	Rittenhouse, Henry	12488
Green, William	12770	Rice, G. W.	12958
Gray, George	12836	Roworth, Frederick	12176
Greayer, George	13008	Roberts, Joseph	12177
Gudmundsen, H. A.	12699	Roots, Ernest	13035
Gwyer, W. T.	12559	Round, H. A.	13072
Hall, Robert	12340	Russell, W. J.	13117
Harrison, George	12430	Rutherford, James	12287
Hart, James	12479	Saunders, W. C.	12178
Hansford, W. H.	12480	Saunders, William	12288
Hamilton, W. T.	12771	Searles, H. A.	12354
Harris, T. E. P.	12772	Smith, C. A.	12382
Harrington, Timothy	13061	Smith, James	13040
Higginson, David	12432	Stock, H. L.	12355

THIRD CLASS—*Continued.*

Stobbs, Henry	12868	Whittle, George	12974
Sterz, Emil	12968	Wiebe, P. W.	12594
Sutherland, J. W.	12455	Williams, John	12692
Tate, A. E.	13043	Wood, James	12364
Thomas, Evan	12793	Woodward, Thomas	13050
Thompson, G. A.	12969	Wright, Thomas	12461
Vilac, L. J.	13046	Zuehlke, Frederick	12877
Whitehouse, J. W.	12304		

FOURTH CLASS.

Abbott, Ernie	12113	Cresor, G. S.	12055
Adams, W. R.	12092	Crandell, H. W. B.	12230
Andrews, E. M.	12114	Crossley, J. F.	12293
Anderson, James	12895	Crouquet, Narcisse	12331
Arnold, Thomas	12320	Crocker, J. C.	12913
Armstrong, F. R.	12896	Currier, Ernest	12544
Aveldson, August	12814	Danielson, D. J.	12423
Batcheldor, W. R.	12148	Davenport, G. A.	12473
Ball, Thomas	12467	David, Thomas	12545
Barber, Robert	12816	Daniels, Albert	12825
Baguley, George	12817	Davies, E. J. H.	12996
Bell, Nick	12268	Deans, A. C.	12057
Beesley, A. A.	12523	Desjardienes, J. A.	12546
Blakely, W. C.	12697	Dean, William	12717
Bow, A. B. W.	12526	Dixon, A. H.	12914
Bownick, John	12527	Dooley, James	12248
Boggs, F. L.	12602	Dow, J. A.	12332
Bowell, H. J. W.	12900	Dobson, J. J.	12476
Bowers, C. H.	12988	Donald, T. A.	12549
Braithwaite, C. R.	12050	Dousett, Alfred	12638
Brazier, Herbert	12150	Donaldson, William	12829
Brockman, W. S.	12214	Dunaway, Otto	12661
Briggs, J. J.	12323	Duc, F. M.	12998
Brockie, John	12324	Eddy, J. W.	12233
Brash, J. W.	12325	Edmondson, C. A.	12916
Brethour, R. B.	12417	Elliott, J. M.	12234
Brown, W. M.	12756	Elder, Lyle	13000
Brawn, H. G.	12818	Emery, Archibald	12425
Broomfield, Charles	12820	Enderson, Lewis	12020
Brooks, W. H.	12989	Etheridge, Charles	12270
Burton, Harry	12532	Evans, Arthur	12552
Bulman, T. R.	12608	Fawcett, C. W.	12194
Buswell, B. R.	12609	Farnum, O. O.	12294
Burnett, E. C.	12714	Flesher, J. P.	13060
Budzey, Nick	12757	Fox, Leopold	12336
Bufton, Harry	12902	Fournier, W. G.	12719
Bunar, August	12991	Fogarty, F. V.	12832
Calvert, James	12151	Fry, W. C.	12195
Cathro, R. H.	12190	Frayne, George	12665
Callaghan, C. P.	12418	Gardnier, J. A.	12428
Carlsen, C. I.	12420	Gillies, William	12250
Campbell, D. G.	12535	Gillespie, J. C.	12271
Carlson, Ernest	12536	Gilmartin, Anthony	13005
Carradice, F. W.	12610	Gorman, J. D. J.	12557
Carson, James	12612	Gray, George	12098
Cain, J. W.	12715	Green, William	12156
Carson, W. G.	12821	Grieve, H. J.	12196
Carroll, O. A.	12907	Gray, J. A.	12251
Chessen, J. W.	12119	Greenard, Ralph	12378
Christie, T. W.	12419	Grieve, W. A.	12921
Chamberlin, A. H.	12759	Green, A. C.	12922
Chatwin, A. G.	12760	Griffiths, V. M.	12924
Cleghorn, W. R.	12421	Grant, J. F.	13007
Cooper, D. D.	12054	Gwin, Luther	12099
Cooper, W. S.	12097	Gwatkin, Fred	12124
Copithorn, T. F.	12191	Hardman, Thomas	12158
Cooper, A. A.	12540	Harrison, George	12159
Corkill, W. W. E.	12613	Hann, Edmund	12236
Cowger, D. L.	12698	Hansford, W. H.	12237

FOURTH CLASS—*Continued.*

Hampton, J. P.	12273
Harrison, Luke	12339
Hartman, M. G.	12431
Harvey, T. W.	12615
Haslam, I. A. A.	12838
Harding, S. E.	12926
Hayes, J. H.	13012
Hemming, A. G.	12669
Hegy, A. A.	13014
Hill, J. E.	12722
Hitchen, G. H.	12723
Hickman, J. B.	12773
Hills, L. H.	13015
Holmes, Archibald	12127
Howard, Samuel	12215
Holding, H. P.	12379
Hoover, E. M.	12433
Holcomb, H. W.	12774
Hourd, Frank	12929
Hutchinson, H. B.	12160
Irwin, R. P.	12198
Johns, W. T.	12275
Johnston, S. S.	12345
Jones, H. I.	12564
Jones, G. C.	12777
Johnston, Samuel	13021
Kennedy, B. H.	12100
Kemp, A. L.	12239
Kelly, W. J.	12346
Kennedy, D. K.	12565
Kettle, Ernest	12843
Kinney, P. V.	12068
Kickbush, Frank	12162
Kissack, Alexander	12566
Knight, W. A.	12674
Lahotkin, Alexander	12129
Landers, Patrick	12199
Lambert, J. H.	12200
La Roy, J. W. W.	12617
Lewis, W. A.	12436
Lee, G. O.	12936
Lea, H. L.	13023
Lochead, George, Jr.	12348
Lorden, Henry	12438
Lorimer, C. S. D.	12439
Lockwood, F. S.	13103
Luckovich, Anton	12845
Marshall, G. M.	12103
Martin, Tilden	12202
Marsden, W. J.	12349
Martin, J. C.	12676
May, J. F.	12847
Matheson, Thomas	12938
Mawer, Stuart	13024
Mackel, G. F.	12571
Madler, Patrick	13025
Miller, C. L.	12573
Mosier, C. J.	12073
Monedey, A. G.	12074
Moore, Robert	12351
Moran, John	12484
Morris, R. D.	12849
Morrison, D. A.	13026
Mueller, Fritz	12941
Munro, John	13027
McAllister, Peter	12678
McArthur, W. B.	12729
McCaw, Thomas	12942
McDonald, Colin	12944
McDonald, J. A.	12945
McGachie, John	13064
McIlvane, Samuel	12105
McKechnie, A. H.	12577
McKenzie, W. G.	12679
McNutt, J. L.	12732
McNulty, W. J.	12785
McNutt, G. R.	13028
McQuarrie, L. J.	12280
MacRae, D. J.	12680
McRae, J. J.	12733
Nason, R. A.	12486
Newman, H. P.	12681
Neil, T. A.	12947
Norris, Daniel	12106
Nummy, Tom	12735
O'Flynn, J. P.	12950
Ott, Carl	12171
Ovington, J. E.	12283
Parker, C. M.	12682
Partridge, Robert	13031
Perry, A. L.	12134
Peterson, P. S.	12135
Petterson, J. H.	12173
Peas, A. H.	12254
Peachey, S. L.	12445
Perry, A. H.	12787
Phinney, J. S.	12136
Phillips, Percy	12579
Phillips, G. E.	12857
Pitsworth, H. N.	12684
Picotte, L. G.	12685
Plumsteel, I. I.	12858
Pleas, R. M.	12953
Pollock, Robert	12447
Porter, W. S.	12581
Pousette, H. G.	12701
Potter, W. E.	12954
Pritchard, A. E.	12206
Prendergast, J. D.	12582
Prendergast, W. J.	12860
Pugsley, J. W.	12079
Purdy, A. L.	13227
Pyper, W. J.	12861
Quick, Carl	12352
Quick, Nels	13032
Reid, John	12624
Redhead, Robert	13033
Robertson, E. C.	12081
Roberts, W. M.	12959
Robinson, James	12960
Scott, John	12289
Schisler, J. G. C.	12590
Schmalz, F. M.	12591
Scott, Robert	12790
Scott, C. G.	13038
Searles, H. A.	12082
Shepherd, Watson	12702
Shepperd, W. A.	12964
Slater, G. A.	12965
Smith, B. F.	12180
Smith, William	12449
Smith, M. A.	12867
Smith, W. D.	13041
Speirs, W. R.	12450
Stinson, Henry	12139
Stewart, Daniel	12255
Stargh, J. H.	12302
Stobbs, Henry	12451
Stokes, Robert	12869
Stinson, W. J.	13042

FOURTH CLASS—*Continued.*

Talbot, J. H.	12358	Whitehouse, Frank	12362
Tanner, J. R.	12359	White, T. L.	12491
Tapley, F. S.	12870	Whittan, Arthur	12799
Tomkinson, Arthur	12629	White, T. J.	12874
Totten, James	12688	Winders, H. B.	12181
Truran, Richard	13044	Williams, G. T.	12457
Tuyttens, M. J. L.	12453	Williamson, H. J.	12458
Van Norman, C. K.	12689	Wilson, A. L.	12459
Vallance, John	12971	Wishart, John	12460
Volz, W. B.	12794	Wiggins, Samuel	12492
Ward, Arnold	12109	Wilson, G. E.	12595
Warrender, James	12110	Winter, W. F.	12694
Walkey, Thomas	12212	Williams, A. A.	13049
Wash, Frank	12361	Woodward, Thomas	12182
Wall, G. H.	12383	Wood, John,	12801
Walker, Alexander	12630	Worthing, C. A.	13052
Walduck, Ernest	12795	Wright, C. J.	13369
Westcott, H. L.	12798	Young, E. R.	13054
Whaite, J. H.	12290		

SPECIAL LOGGING-DONKEY.

Aikens, Henry	12811	Mieltty, W. M.	12104
Anderson, Paul	12813	Millington, Samuel	12572
Bell, A. W.	12468	Montgomery, E. J.	12131
Beale, E. A.	12525	Mosher, Edwin	12940
Beaton, J. F.	12898	McVeety, H. J.	12786
Boone, D. L.	12269	Newman, C. W.	12169
Cameron, Archie	12118	Nelson, A. B.	12170
Crawford, C. J.	12246	Nederlee, Ole	12854
Daoust, Lorenzo	12826	O'Flynn, J. P.	12300
Donovan, P. J.	12548	Palliser, H. C.	12089
Faulhaver, Louis	12663	Patterson, Roderick	12133
Forslund, William	12554	Paul, Julius	12856
Francis, C. H.	12478	Petrowitz, Fred	12683
Friesen, H. J.	12666	Petterson, K. L. W.	12952
Gilfillan, C. H.	12088	Pierce, H. S.	12284
Gibson, Ingvald	12720	Pleas, R. M.	12285
Gibson, S. E.	12835	Randall, Otto	12301
Gravelle, J. A.	12126	Riordan, John	12107
Groves, Percy	12272	Riggs, H. S.	12863
Hardie, Lawrence	12338	Rice, J. W.	13034
Haroldson, Andy	12342	Ross, W. E.	12585
Haynes, C. W.	12561	Sam, David	12241
Hall, J. H.	13011	Sathre, Peter	12489
Hiland, W. B.	12064	Simison, J. F.	12138
Holmes, H. L.	12274	Sinnes, Thomas	12865
Jackson, W. F.	13018	Stevenson, D. R.	12738
Kusha, Charles	12297	Swanberg, Gus	12592
Lapsansky, A. J.	12252	Thompson, J. H.	12360
Langford, George	12844	Ulrich, John	12873
Laffin, C. H.	12935	Ward, Daniel	12456
Love, J. H.	12675	Watson, Charles	12797
Loughland, T. A.	12783	White, G. W.	12244
Lubert, William	12482	Williams, Walter	12140
Martin, J. A.	12165	Williams, G. L.	12219
Martin, O. C.	12440	York, R. H.	13055

SPECIAL LOGGING-LOCOMOTIVE.

Bradford, J. J.	12529	Robinson, T. A.	12864
Comstock, P. J.	12327	Smith, J. C.	12791
Elgood, G. M.	12192	Veeberg, Lawrence	13045
Kirby, H. J.	12779		

SPECIAL CREAMERY.

Barker, P. S.	13058

SPECIAL HEATING.

Adams, T. H. 12413
Adams, J. B. 12810
Audet, Wilfrid 12712
Beck, C. E. 12115
Booth, J. H. 12528
Brayne, Charles 12660
Cerles, Albert 12538
Churchill, James 12761
Cochrane, John 12908
Connelly, James 12910
Dann, A. E. 12716
Elliott, R. B. 12193
Garrett, Henry 12556
Graham, R. H. 12157
Green, J. G. 12558
Graham, Samuel 12721
Hall, Henry 12668
Holliday, Albert 12928
Kelley, T. A. 12616
Kitts, William 12673
King, W. A. 12778
Lee, William 12567
Lockwood, W. J. 12618
Marsh, Enoch 12299
Mahon, E. C. 12619
Moore, S. H. 12621
Morris, Thomas 12939
Musclow, A. R. 12850
McIntosh, Alexander 12622
Nickerson, James 12949
Paterson, William 12381
Potter, F. W. 12955
Procter, Mark 12286
Royle, James 12218
Robinson, W. F. 12587
Rose, Charles 12961
Simmons, John 12179
Stewart, John 12739
Tait, D. L. 12210
Walden, Lewis 12243
Warner, D. B. 12690
Wallace, David 12973
Williams, S. H. 12741

SPECIAL THRESHING.

Dalton, E. C. 13059
Glen, A. L. 12614
Lockhart, C. F. 12437
Marr, G. J. 12483
McClughan, W. H. 12943
Ronquist, P. O. 12586
Shiell, Thomas 12626

SPECIAL ROAD-ROLLER.

Widdess, W. W. 12363

TEMPORARIES.

Aikens, Henry 12391
Alcock, Albert 12388
Allen, G. H. 12886
Anderson, August 12257
Anderson, James 12639
Appleton, G. M. 12225
Aronsson, Albert 12392
Barker, P. S. 12463
Bailey, J. W. 12703
Bartholomew, John 12802
Benjamin, Melvin 12141
Beaton, J. F. 12291
Bergman, Jonas 12976
Birkmeir, M. J. 12518
Bird, W. A. 12887
Bollee, William 12384
Bowen, W. S. 12393
Bollans, Arthur 12640
Bougie, Paul 12878
Brown, W. M. 12258
Bragg, F. L. 12641
Brewer, J. C. 12642
Brown, George 12980
Buzzard, S. V. 12394
Burroughs, R. A. H. 12631
Bubb, T. H. 12705
Carpenter, Thomas 12368
Caffrey, W. J. 12395
Catlin, J. B. 12396
Cass, L. O. 12508
Carpenter, E. J. 12883
Carter, S. B. 12884
Cessford, W. W. 12385
Coleman, R. S. 12305
Coulthard, J. O. 12311
Cooper, A. E. 12369
Cocker, Percy 12397
Cook, Charles 12750
Collingwood, Peter 12808
Collins, M. W. 12982
Crook, James 12983
Darville, J. S. 12308
Dalton, E. C. 12387
Darrah, R. S. 12978
Davies, E. J. H. 12981
Dean, James 12465
Devereux, Daniel 12603
Dickinson, Charles 12312
Dickson, J. B. 12643
Dial, W. H. 12706
Donovan, F. J. 12881
Drysdale, W. F. 12748
Dunn, Andrew 12644
Ellis, G. F. 12496
Ellingson, John 12516
Everets, F. G. 12632
Exly, J. W. 12888
Fairhurst, Thurston 12398
Fell, K. M. 12509
Fitzpatrick, Valentine 12292
Fletcher, J. C. 12645
Foster, J. R. 12746
Frayne, George 12142
Fraser, J. R. 12805
Gibson, A. A. 12399
Gibson, S. E. 12646
Giustini, A. D. 12596
Gourlay, Andrew 12497

Temporaries—*Continued.*

Goebel, Henry 12707
Gregg, John 12220
Grant, Hugh 12647
Grady, George 12695
Gustavson, Carl 12633
Handy, S. L. 12259
Hazelton, D. A. 12260
Harris, W. D. 12370
Halliday, W. R. 12371
Hamlin, W. J. A. 12390
Hanley, Michael 12510
Loughland, T. A. 12144
Lyman, Bert 12309
Marsaw, Leon 12227
Malone, Philip 12462
Martin, Louis 12806
Malpass, Arnold 12984
Mitchell, F. G. 12261
Mitchell, Robert 12315
Millar, Benjamin 12366
Miller, J. W. 12889
Mullen, Larry 12264
Mullane, C. L. 12651
Mycock, A. J. 12316
MacAulay, Alex. 12704
McComb, R. C. 12511
McCullough, W. R. 12743
McDonald, J. A. 12605
McKerracher, William 12389
McIntyre, John 12597
McKenney, C. A. 12403
McNamara, John 12747
Nason, R. A. 12386
Neff, S. E. 12262
Newman, H. P. 12464
Nederlee, Ole 12517
Neary, John 12890
Nieuwazny, Joseph 12265
Neill, Moore 12977
Nixon, Joseph 12503
Orr, F. G. 12652
Palmer, H. K. 12373
Parker, C. M. 12504
Parken, Joseph 12891
Payne, Arthur 12598
Peardon, J. E. 12404
Harrison, Thomas 12634
Henderson, Robert 12313
Hitchen, George 12226
Higginbotham, Thomas 12310
Hill, F. H. 12314
Hirschkorn, Willie 12498
Hinds, Isaac 12499
Hindle, Harry 12519
Hickey, John 12807
Hislop, John 12879
Hilde, Albert 13057
Hookes, R. E. 12637
Hughes, Raymond 12045
Innes, W. O. 12400
Jackson, W. F. 12401
Jensen, Jens 12745
Kennedy, J. N. 12306
Keam, William 12500
Kennedy, D. K. 12372
Kennedy, J. J. 12402
Kerfoot, W. L. 12604
Knapp, R. S. 12143
Larrick, W. H. 12648
La Boyne, H. F. 12649
Larson, Paul 12744
Langill, L. C. 12749
Lazareff, Sam 12883
Lawler, J. W. 12501
Lefeaux, Stanley 12650
Leeuwerke, Jan 12708
Liscombe, Charles 12502
Perrett, Lancelot 12635
Phillips, E. M. 12374
Phillips, Joseph 12405
Phillips, Joseph 12636
Potter, F. W. 12221
Powers, W. G. 12653
Prudom, Charles 12892
Quinn, E. L. 12222
Quinn, William 12654
Ramsay, W. S. 12709
Redhead, Robert 12266
Reid, John 12275
Roger, R. S. 12223
Ross, W. E. 12317
Robinson, F. A. 12318
Roy, James 12710
Robinson, George 12880
Sayer, Arthur 12090
Salt, C. M. 12112
Sande, Edwin 12319
Scribner, R. J. 12655
Shiell, Thomas 12493
Shimonsky, John 12711
Sinnes, Thomas 12513
Sinclair, Thomas 12514
Simpson, Francis 12882
Skinner, W. B. 12512
Smith, George 12228
Smeby, Helge 12406
Stewart, Charles 12145
Stone, W. J. 12146
Stevenson, D. R. 12407
Stokes, Robert 12494
Stubbell, W. L. 12495
Stoodley, J. O. 12656
Stady, J. E. 12804
Sturrock, Alexander 12885
Svean, Carl 12505
Taylor, J. W. 12657
Tergeson, P. E. 13077
Thomas, John 12606
Tooker, W. A. 12408
Turmel, Jean 12367
Udell, Robert 12515
Van Valkenberg, G. F. 12506
Vipond, J. W. 12224
Vick, Herbert 12409
Walton, H. B. 12307
Warkentin, John 12410
White, William 12263
Williams F. G. 12267
Whicher, Harry 12376
Wilson, William 12411
White, Samuel 12979
Wills, E. F. 12412
Wilson, Robert 12809
Wood, John 12520
Wright, Donald 12599
Yeatman, S. G. 12091
York, R. H. 12507

REPORT OF INSPECTOR OF ELECTRICAL ENERGY.

PROVINCIAL INSPECTOR OF ELECTRICAL ENERGY,
VANCOUVER, B.C., December 31st, 1919.

Hon. J. H. King,
Minister of Public Works, Victoria, B.C.

SIR,—I have the honour to submit herewith report of the work of this office for the year ending March 31st, 1919.

GENERATING PLANTS.

During the year fifty-five plants have been operating in the Province and giving entirely or in part a public supply of electrical energy. In addition, there are isolated plants operating at various mills, factories, and other industrial plants for supplying power and light in such places only. The electrical equipment is generally satisfactory from the safety standpoint and is well maintained, especially in the larger plants. Accidents due to lack of protective features on equipment have been rare, most electrical accidents having been due to faulty or mistaken methods of switching or carrying out repairs. It has been found that additional safeguards from mechanical hazards are frequently required, especially from fly-wheels, pulleys, belts, couplings, clutches, and from floor-openings, pits, stairways, etc. Protecting guards or guard-rails have been ordered at such parts and places.

TRANSMISSION-LINES.

A new section of 60,000-volt line has been built by the West Kootenay Light and Power Company from Silica, B.C., and extending south over the International Boundary to Northport, in the State of Washington. The construction is of similar arrangement to that used on the company's other transmission-lines throughout the Boundary District. Work has also been commenced by the same company on the 110,000-volt transmission-line from Greenwood to Copper Mountain, a distance of approximately 100 miles. This line will be an extension of the West Kootenay Light and Power Company's high-voltage transmission system from Bonnington Falls, where a total generating capacity of 30,000 k.v.a. is installed. The new line is for supplying the new concentrating-mill being erected at Allenby by the Canada Copper Corporation for handling the ore from the Copper Mountain mines.

In connection with the above two high-voltage lines the matter of inductive interference as affecting the telephone-lines which they parallel has arisen, and steps are being taken to reduce disturbances in these cases as far as possible. During the past five years much attention has been given to this matter of inductive interference in various parts of the United States. With the rapid extension of networks of high-voltage transmission-lines over large stretches of the country, interference by induction, especially with the higher voltages now being used, threatened to have very harmful effects on many of the telephone-lines. The report of the Joint Committee on Inductive Interference has been completed, and the recommendations of this committee will be adopted here in so far as harmful parallels between power-lines and telephone-lines are found to exist. The report states: "Under normal operating conditions of the disturbing power circuits, interference to telephone circuits, manifested by a humming noise from the telephone receivers, is due almost entirely to the higher harmonics of the power-circuit voltages and currents; for the reason that such harmonics cover a considerable portion of the range of frequencies of human speech at which telephone apparatus is most sensitive." And further states: "Under abnormal conditions the inductive disturbance due to a power circuit may be very greatly increased. When sudden changes take place in the conditions of the power circuit such as those caused by energizing or de-energizing the circuit, or when a wire breaks and falls to ground, relatively large amounts of energy may be suddenly introduced into the communica-

tion circuits. These momentary impulses may be sufficient to constitute a physical hazard to operate protective devices or to cause severe acoustic shocks to telephone operators or users."

There were approximately 800 miles of transmission-lines of over 10,000 volts in operation throughout the Province during the year.

DISTRIBUTION SYSTEMS.

Not much new distribution pole-line work was done during the year, but some much-needed reconstruction-work has been carried out by several of the smaller supply companies and cities throughout the Province. There is a tendency in many of the smaller towns to give insufficient attention to the maintenance of the pole-lines, in some cases for financial reasons and also owing to there being no one regularly employed by the companies or municipalities who is able to carry out the required work on the overhead lines. It has been found necessary in some cases to insist that regular linemen be specially employed to go over the lines and renew poles and cross-arms, carry out guying and dead-ending, and generally put the pole-lines in shape. Deterioration of poles is found to be very rapid in some parts of the Okanagan Valley and East Kootenay, the life of poles in many cases being as low as six years, and a predominating feature of our inspection in these two districts was the condemning of a large number of both power and telephone poles which showed excessive decay at the ground-line and were considered unsafe both for linemen and for the public.

In the City of Vancouver the British Columbia Electric Railway Company made several rearrangements of overhead light and power circuits which enabled them to remove approximately twenty miles of overhead wires from several of the principal streets in the central part of the city. A further improvement has been effected by the removal of a number of poles which stood out from the curb and were dangerous to traffic. In the City of Victoria the British Columbia Telephone Company effected an improvement by removing a considerable number of poles and overhead wires from several of the principal streets.

There is a total of approximately 1,600 miles of pole-lines in the Province for the distribution of electrical energy for light and power.

UTILIZATION EQUIPMENT.

Under this heading is classified all electrical equipment receiving and operating under electric current for power, heating, lighting, chemical, or other purposes. Five hundred volts continues to be the usual voltage for power purposes in the larger industrial plants which have their own electric generators. Public supply, however, continues to be given at 220 volts for power purposes, this being the voltage most suitable for the usual large proportion of power-consumers operating small-size motors. In several instances supply at 2,300 volts has been given for motors of the larger sizes. We continue of the opinion that this voltage is higher than is advisable for use in industrial plants, especially where it is under the control of non-electrical men, and consequently have continued our practice of generally allowing this voltage for motors of 50 horse-power and over only, and where we consider that equipment of this voltage will be treated and maintained with the care and caution which it warrants.

Power-installations have generally been found satisfactory where the work has been carried out by regular electrical contracting firms, but we have found, especially in the interior parts of the Province, that installations, extensions, and repairs in electrical equipment are occasionally attempted by men unfamiliar with standard practice or the requirements of the National Electrical Code. It invariably happens that a poor class of work results, and we have found it necessary in some instances to order removal of a considerable amount of faulty wiring and installation-work.

Regulations have been prepared and will shortly go into force for ensuring additional safety at all switches, fuses, and other live parts in industrial plants. The open unprotected knife-switch and the unprotected fuse will be eliminated from all power circuits of 220 volts and over, and an externally operated type switch-box, with provision for isolating fuses from the sources of supply, will be made compulsory.

The increased use of electric furnaces and of electric arc welders and other such equipment where a high-temperature arc is used is liable to be a cause of injuries to the eyes of the operators or others who may be in the vicinity, and a regulation governing this is being introduced.

ACCIDENTS.

The following accidents were reported during the year:—

Occupation.	Place.	Date.	Cause and Remarks.
Engineer	Vancouver	June 24th, 1918	Replacing motor-fuse; hand burnt.
Smelterman	Trail	July 1st, 1918	Fell from ladder on receiving shock; scalp-wound.
Lineman	Penticton	July 15th, 1918	Pole-top broke off when pulling up wires; fatal.
Lineman	Penticton	July 15th, 1918	Pole-top broke off when pulling up wires; leg fractured.
Boy	Revelstoke	Aug. 26th, 1918	Contact with fallen wire; hand slightly burnt.
Boy	Matsqui	Sept. 8th, 1918	Climbed on sub-station roof; electrocuted (fatal).
Sub-station operator	Vancouver	Sept. 13th, 1918	Hand burnt on rotary converter starting switch.
Station agent	Chilliwack	Sept. 24th, 1918	Electric shock by static induction charge from railway dispatch telephone; fatal.
Elevator operator	Vancouver	Jan. 27th, 1919	Closing circuit-breaker; slight damage to eyes by flash.
Street-car conductor	Vancouver	Feb. 19th, 1919	Opening car-heater switch; hand burnt.

INSPECTIONS.

A list of the principal inspections made, showing the owners and location of the electrical equipment, is given below. These represent power plants, transmission-lines, distribution systems, including telephone-lines and utilization equipment. Power and light overhead distribution systems in thirty-eight different towns have been inspected during the year.

Ashcroft Water, Electric & Improvement Co. ..... Ashcroft.
Britannia Mining & Smelting Co., Ltd. ..... Britannia Beach.
Brunette Saw Mill Co., Ltd. ..... Sapperton.
B.C. Manufacturing Co. ..... New Westminster.
B.C. Electric Railway Co., Ltd. ..... Vancouver, etc.
B.C. Telephone Co., Ltd. ..... Vancouver, etc.
Canadian Collieries, Ltd. ..... Union Bay.
Canadian Western Lumber Co., Ltd. ..... Fraser Mills.
Canada Copper Corporation ..... Greenwood.
Cameron Lumber Co. ..... Victoria.
Caroline Court ..... Vancouver.
Cedar Cove Sash & Door Co., Ltd. ..... Vancouver.
Ceperley, Rounsefell & Co. ..... Vancouver.
Chilliwack Telephone Co., Ltd. ..... Chilliwack.
Cholberg Shipyard Co. ..... Victoria.
Columbia Cold Storage Co. ..... Steveston.
Columbia River Lumber Co. ..... Golden.
Columbia Valley Irrigated Fruit Lands Co., Ltd. ..... Invermere.
Columbia Block & Tool Co., Ltd. ..... Vancouver.
Consolidated Mining and Smelting Co. of Canada ..... Trail.
Consolidated Mining and Smelting Co. of Canada ..... Kimberley.
Corbin Coal and Coke Co. ..... Corbin.
Coughlan, J., & Sons ..... Vancouver.
Cowichan Creamery Association ..... Duncan.
Cranbrook Light and Power Co. ..... Cranbrook.
Cranbrook Foundry ..... Cranbrook.
Crow's Nest Pass Coal Co., Ltd. ..... Coal Creek.
Crow's Nest Pass Coal Co., Ltd. ..... Michel.
Cumberland Electric Light Co. ..... Cumberland.
City of Armstrong.
City of Chilliwack.
City of Duncan.
City of Fernie.
City of Kamloops.

City of Kelowna.	
City of Nelson.	
City of New Westminster.	
City of North Vancouver.	
City of Penticton.	
City of Revelstoke.	
City of Salmon Arm.	
City of Vancouver.	
City of Victoria.	
Corporation of the District of Peachland	Peachland.
East Kootenay Telephone Lines, Ltd.	Cranbrook.
Easterbrook Milling Co.	Lulu Island.
Elk Lumber Co.	Fernie.
False Creek Lumber Co.	Vancouver.
Forest Mills of B.C.	Nelson.
Foundation Co., Ltd.	Victoria.
Granby Consolidated Mining, Smelting, and Power Co.	Cassidy.
Great North-western Telegraph Co. of Canada	Victoria.
Greenwood City Waterworks Co.	Greenwood.
Hanbury, J., & Co., Ltd.	Vancouver.
Steel Products, Ltd.	Vancouver.
Steel Products, Ltd.	Port Moody.
Iron Mask Mine Co.	Kamloops.
King, M. B., Lumber Co.	Fraser Valley.
Ladysmith Lumber Co.	Nanaimo.
Leavette, George	Warhoop.
Lee Building	Vancouver.
Lemon, Gonnason & Co.	Victoria.
Letson & Burpee	Vancouver.
McLean Lumber Co.	Cloverdale.
Morrison Steel and Wire Co.	Vancouver.
Municipality of Burnaby.	
Municipality of Point Grey.	
Municipality of South Vancouver.	
Municipality of Summerland.	
Nanaimo Light, Power, and Heating Co.	Nanaimo.
Northern Construction Co.	Vancouver.
Okanagan Saw Mills, Ltd.	Enderby.
Okanagan Telephone Co.	Vernon.
Ontario Lumber Co.	South Vancouver.
Pacific Construction Co.	Vancouver.
Pacific Steel Works	Lulu Island.
Pacific White Lead Co.	Vancouver.
Paradise Mine Co.	Invermere.
Phoenix Electric Lighting Co.	Phoenix.
Port Moody Tie and Lumber Co.	Port Moody.
Rerrie, A. A.	Aldergrove.
Reynolds Timber and Shipping Co.	Port Moody.
Robertson & Hackett	Vancouver.
Shields, James C.	Kamloops.
Small-Bucklin Lumber Co., Ltd.	New Westminster.
Smith, T. H.	Armstrong.
Spruce Products Co., Ltd.	Vancouver.
Vancouver Club	Vancouver.
Vancouver Creamery	Vancouver.
Vancouver and District Sewerage Board	Vancouver.
Vancouver Ice and Cold Storage Co.	Vancouver.

Victoria Lumber and Manufacturing Co., Ltd.	Chemainus.
Victoria Machinery Depot	Victoria.
Vulcan Iron Works, Ltd.	Vancouver.
Wallace Foundry Co., Ltd.	Vancouver.
Wallace Shipyards, Ltd.	North Vancouver.
West Kootenay Light and Power Co.	Rossland, etc.
Western Power Co. of Canada, Ltd.	Vancouver, etc.
Wilson Co., Ltd.	Victoria.
Yorkshire & Canadian Trust, Ltd.	Vancouver.

GENERAL.

The usual amount of advisory work on electrical matters was done during the year for other offices and departments of the Government.

One case of wilful tampering with electrical equipment occurred during the year. Evidence showed that an attempt had been made to establish a short circuit on 2,300-volt wires, which would have resulted in very considerable damage. The attempt was discovered in time and arrest and conviction followed.

I have, etc.,

J. MUIRHEAD,
Inspector of Electrical Energy.

REPORT OF INSPECTOR OF FACTORIES.

VANCOUVER, B.C., March 31st, 1919.

Hon. J. H. King,
Minister of Public Works, Victoria, B.C.

SIR,—I have the honour of submitting herewith the annual report of the work of the Factory Inspection Department for the fiscal year ending March 31st, 1919.

This report concerns itself with the work of Assistant Inspector Herbert Douglas and myself during the fiscal year just ended. During this period we have endeavoured to maintain the same standard of work as established when I assumed office the preceding year. We have, as in the previous year, although in a more moderate degree, felt the effect of the nine years' non-enforcement of the Act. It is impossible in a report of this kind to give an entire recapitulation of the work accomplished during the year, but I have endeavoured by the following to give you in condensed form a slight résumé of the work performed by this office.

SAFEGUARDING MACHINERY AND ACCIDENT-PREVENTION.

The activity of this Department during the past year in discharging its responsibility to the thousands of employees working in factories in this Province has been expended largely in enforcing the Safety Rules and Regulations adopted by the Workmen's Compensation Board some ten months ago. Our report relative to this portion of the requirements of the "Factories Act" does not, however, cover the entire industries of the Province, as according to your arrangements some of the rural districts were allotted to the jurisdiction of the Boiler Inspectors.

The past year has seen a marked improvement in the prevention of industrial accidents. I think all those interested are convinced that the most effective way of dealing with accident-prevention is through the Workmen's Compensation Board, who receive a report of all accidents and details as to the causation, etc., from both the injured and the employer. This information can be easily obtained, as the assessment of the employer and the compensation of the injured are at stake. The Board is also in a position, through the operation of the law, to estimate just what liability an accident entails.

For the purpose of assisting in enforcing the Safety Regulations, the Board has been pleased to appoint Mr. Douglas and myself officials under the law. All orders are issued on their forms, and copies of same submitted to their office.

Compensation has done a great deal towards making the employers more vigilant and careful, realizing that it is cheaper to prevent accidents than to pay the claim. All are willing to do considerable from a humanitarian point of view, but the desire for prevention of accidents is greatly intensified by financial consideration. The responsibility, however, cannot always be placed upon the employer, as we repeatedly find during our inspections guards which have been provided at considerable expense set to one side or hanging back on the wall. Or, again, we will find employees, through a false sense of cleverness, objecting to the use of a guard. In one instance, that of a filer in a sawmill, when he was advised to wear goggles while working over emery-wheels, he stated that he never got emery-dust in his eyes except when he used goggles. Then, again, we occasionally meet with opposition through indolence or repugnance on the part of the foreman or superintendent of the plant, and some very amusing arguments in opposition to carrying out the Rules and Regulations are advanced. As an example, we might cite an instance where a foreman of a sawmill, when informed that a blower system would have to be installed in the filing-room for the purpose of removing the emery-dust, as the inhaling of same was injurious to the workmen, stated this theory was all nonsense, that the swallowing of emery-dust did not hurt any one. To prove his contention he cited a case of a friend of his in the Old Country who, after doctoring for years for stomach-trouble, started swallowing handfuls of sand, which cured him, and he has been a well man ever since.

However, the use of certain guards and other forms of protection now comprises a portion of the laws of our Province, and those who are backward in that respect are shown that they must comply with the laws and keep up with the march of progress, either willingly or by compulsion.

During the year, under section 69 of the "Factories Act," we prosecuted three employees for disobedience of our orders, and we do not intend to show any laxity in this matter.

By enforcing the use of mechanical safeguards we do not expect to entirely eliminate accidents, as a large proportion are due to fortuitous causes and are quite beyond the control of the Inspector. However, it is universally agreed that by this method the annual toll of suffering and loss can be greatly reduced.

Through conditions arising out of the war, women have entered industries throughout the Province heretofore reserved for men. It will be admitted that the style of clothing ordinarily worn by women employed around power-driven machinery creates extra hazards, and in order to meet the changed conditions it was necessary to make special inspections, where this class of labour was employed, for the purpose of ascertaining as to whether or not the plant was adapted to the changed conditions. We have invariably found that guard-rails for belts, fly-wheels, and other moving parts which heretofore had proven sufficient for the men employees were frequently found to be inadequate for women owing to there being a certain amount of hesitation in adopting the one-piece garment. Being powerless to prescribe by law the nature of the garments to be worn by these industrial workers, we found it incumbent upon us to issue specific instructions to have additional precautions taken for their safety.

The projecting set-screw on revolving parts of machinery has in the past been a prolific cause of accidents. Many serious and fatal accidents can be charged directly to the injudicious use of this means of securing collars, pulleys, etc., to shafting. And believing that the most efficient way to prevent accidents of this nature, as in any other, is to remove the cause, we are pleased to be able to record that we some eighteen months ago introduced in the industrial life of this Province a new type of headless set-screw that has had the desired effect. During the introductory stage we requested one of the largest plants in the Province to equip a portion of their machinery with this form of set-screw for experimental purposes, and we have since been notified that the results were so satisfactory, both from a safety and efficiency point of view, that they have removed all projecting set-screws and replaced them by those of the type referred to. These set-screws can now be found in almost every plant in the Province. Since taking over the duties of this office some twenty-one months ago, we have caused to be removed several thousands of projecting set-screws in factories throughout the Province. In some of the larger plants as many as 200 of these death-dealing type of set-screw have been replaced.

The beneficial result of the use of this set-screw is proved by the statistics of the Workmen's Compensation Board, which show a decrease of 75 per cent. in compensation paid for accidents, the causation of which could be traced direct to projecting set-screws. We expect in course of time to entirely eliminate accidents of this nature, for which there is no excuse.

Statistics are prepared from time to time dealing with the number of accidental injuries sustained by men and women employed in industrial activities. It is comparatively easy to tabulate and classify results that have become a matter of record, but, on the other hand, it is impossible to estimate the number of accidents that have been prevented by the installation of mechanical safeguards. The statement that a large number of accidents are prevented yearly can hardly be questioned, and this has been conclusively proven in the shingle industry of this Province, which heretofore had been classed as a very hazardous occupation owing to the employees having to work in close proximity to the shingle-saw. The front or cutting portion of this saw was counted as one of the impossibilities of effective safeguarding, and the loss of a large number of fingers and hands annually was looked upon as the price of industry. In order to dispel this impression it was necessary that a guard which would meet with the approval of both employer and employee must be so designed that it would not interfere with production and be positive and automatic in its action. Following numerous interviews with superintendents and foremen engaged in this industry, a guard was at last perfected by one of the shingle-mill foremen which has complied in all respects with the requirements referred to above. On its completion, as the Rules and Regulations of the Workmen's Compensation Board as at present constituted do not specify that the cutting-face of shingle-saws be guarded, we requested the Safety Commissioner of the Workmen's Compensation Board to see the guard in operation, and if it met with the approval of the Board to have its use stipulated in the Safety Rules and Regulations, which we expect they will do. Nearly all the shingle-manufacturers have, however, after responding to a request to see this guard in actual operation, equipped their machines with same.

The foregoing experience is also applicable to those log-decks in sawmills which, owing to the nature of their equipment, have no alternative but to use a chain for the purpose of loading and turning logs on the saw-carriage. The safe controlling of this chain depended entirely on the human element, and the number of fatalities occurring through momentary forgetfulness on the part of those in charge of the log-deck convinced us that some practical means should be provided whereby the safety of the log-deck men would not be left to an element of chance.

With this end in view, Mr. Douglas and myself designed a mechanical device which was submitted to the superintendent of one of the sawmills in this city, with the request that they install same as an experiment, and the results were so satisfactory after a month's trial that the superintendent stated it not only fulfilled its purpose, but the company was already recouped for the initial expenditure in efficiency in the operation.

Child-labour.

The law prohibiting the employment of boys under fourteen and girls under fifteen years of age has been observed during the past year with very few exceptions, only a few violations being discovered. The matter of prevention of child-labour, as I stated in my last annual report, is an important one and requires constant surveillance. We find this particularly so with foreigners, both as employers and parents or guardians of children. As far as the average alien occupier is concerned, necessity nor avariciousness knows no law, and it is obvious that any slackness of administration would be disastrous.

Laws restricting child-labour meet with the approval of the average citizen, and efforts towards their enforcement are thus made comparatively easy. A great deal of difficulty is very often experienced, however, in judging the age of a boy or girl, for size is no criterion of age, especially when the child is observed from a distance, for close observation and investigation may prove the smaller child to be the older.

There are many difficult and perplexing situations of the child-labour problem which come under the notice of an Inspector. There is often pictured to him a large family or a poor widow who need the monetary assistance of the child's earnings. But, however much these appeals affect him, he must close his ears to them and consider the law inflexible and that he has no discretionary powers. No home exigencies of this kind should stand in the way of a child having another year or so at school, as it might be the means of changing his whole life.

Ignorance of the provisions of the Act regarding child-labour was offered as an excuse in most cases of violation by the parents or guardians of children. A few other amusing explanations were offered. One particular case might be cited—that of a girl fourteen years of age, who was employed at sewing. When explaining to her that the law would not permit girls under fifteen to be employed in factories, her elder sister came forward and volunteered the information that their parents knew this, but were under the impression that, as they were not born in Canada and were only a short time out from England, they would not be subject to the laws of this country.

Cases of some poor widows who are in need of earnings of their children below the legal age of industrial life are often narrated to us by employers as an instance to prove that the law is too strict. Is this not a sad commentary on our boasted civilization?

Our laws governing the age of employment of children in factories appear to be as good and, in fact, better than those of any of the other Provinces in the Dominion, but I think it would be well to add another year to the age below that which employment is prohibited. There should at least be a limit to the hours of employment of boys per day. I know there are cases in our Province where boys of fourteen and fifteen years of age are working nine and ten hours a day. Surely these hours are altogether too long for boys of this age, particularly in arduous occupations. Overwork of this kind has a tendency to ruin a child mentally, morally, and physically. I think all those interested in child-welfare will unanimously agree that it is the quality of our citizenship that counts in the upbuilding of a nation, and that the State is impoverished when from any cause the material out of which useful citizens could be made is ruthlessly wasted. The boys and girls of to-day are the men and women of to-morrow, and surely it would be in the interests of society at large that a child should not become a victim of industrial conditions while immature and helpless. The earnings of a large percentage of children working at this age is taken to support the family at home, and this makes conditions more discouraging. What the child forced into labour earns is taken from him, but by and by he may discover that what

he steals and keeps to himself is his to enjoy. There the foundation of a life of crime is laid broad and deep. Forcing the child to labour without reward moulds his impressionable mind to the idea that all labour is a cruel curse put upon the poor by the rich. There the seed of anarchy is planted.

The grasping employer may get a little more profit; the smartly dressed man may get his suits a little cheaper, or the fine lady her hats, because want and pain and hopelessness are sewn in the seams, but how much more must we pay for hospitals and prisons. No one can compute the loss to the State whenever a human character is degraded, but we know that we must pay it.

HOURS OF LABOUR.

A considerable portion of the time of this Department has been taken up in compiling a list of the firms throughout the Province employing female labour. In the past no organized effort seems to have been made in this respect.

Notwithstanding the fact that sections 16 and 77 of the "Factories Act" requires a notice to be posted in the work-room specifying the working-hours of young girls and women employed therein, with the signature of the employer and Inspector affixed, the files of this office did not contain copies of the forms referred to. The past year has convinced me that this is a very necessary provision, as it serves as a means of preventing unscrupulous employers pleading ignorance of the law, and serves the further purpose of acquainting the employees of their rights under the law, and enables them to communicate to this office any violation of these sections of the Act.

Court proceedings had to be taken in one instance in this city against a firm who persisted in violating section 12 of the Act, and resulted in a substantial fine being imposed. The publicity that resulted from this prosecution had a beneficial effect, as it was a means of bringing to the notice of this Department, anonymously and otherwise, a large number of small concerns employing this class of labour of which we had no record, as well as inquiries from many employers as to whether or not they were complying with the statutory hours of female help. At the present time I have no hesitation in stating that the eight-hour law for women throughout this Province is being strictly adhered to in all industries coming within the scope of the "Factories Act."

The inability of this Department to limit the hours of labour in laundries being owned and operated by Orientals, who employ Oriental labour exclusively, has resulted in proprietors of white laundries advancing the contention that they were subjected to unfair competition from this class of labour.

When it is realized that some fifty-five laundries of this nature in Vancouver and twenty-five in Victoria, as well as many others throughout the Province, are in active competition with our modern white laundries, which are limited to a forty-eight-hour week for female employees, it must be admitted that some remedial legislation is necessary in order that this industry be placed on a more equal basis as regards the working-hours of those employed therein.

SANITATION.

One of the disadvantages we encounter in enforcing the provisions of proper sanitary standards in factories coming under our jurisdiction is met with in buildings which at the time of construction were never intended to be used as factories or work-shops; consequently no provision, except in a very limited sense, was made in this respect.

During the past year numerous small industries have sprung up, employing in the aggregate eight to ten persons, the majority of which are young girls and women; and it is in the class of building above referred to that a great many of these factories are located. It is to be regretted that we still find, from time to time, throughout the Province employers who do not seem to realize that proper separation of the sexes and separate approaches to lavatory conveniences are necessary. The location of lavatories in any portion of the work-room without an enclosure or vestibule screening the entrance is something this Department will not countenance, and we have on numerous occasions found it necessary to issue instructions to have these improvements carried out.

We feel that in this enlightened age it should be unnecessary for the Inspector to have to issue an order for the installation of separate lavatories for the use of male and female employees, as this very important provision should be made before the factory is operated.

It is gratifying to be able to record that this Department has received the co-operation of the employees of the Province through notification by mail and phone of any employer who has neglected to conform to the requirements of the Act in this particular respect.

In justice to the great majority of our manufacturers, I would state that, in addition to proper sanitary standards being adhered to, rest and lunch rooms have been provided for the convenience of those employees who reside a considerable distance from their places of employment, and therefore unable to return to their homes for the noonday meal. In addition to the provision of a lunch-room, a number of firms provide, free of charge, tea, coffee, sugar, and milk.

VENTILATION OF FACTORIES.

No general recommendations can be made with regard to the best system for ventilating work-rooms, because of the varying conditions prevailing in different plants.

Dust, gases, fumes, and vapours are generally found to some extent in all manufacturing plants, and their removal presents at times a rather complex problem. We have during the past year found it necessary to issue orders for the removal by mechanical means of impurities which were being inhaled by the workers to an injurious extent.

Natural ventilation by means of windows, doors, and skylights is as a rule altogether inadequate for work-rooms where poisonous fumes may originate. Artificial means must therefore be adopted for their removal, and we find that this is best accomplished by the use of a fan connected with a cylindrical type of main duct in preference to the square or rectangular. The ducts should also be as straight as possible, as large as is consistent with the current of air to be transmitted, and as free from sharp bends as circumstances will permit. We further find from experience that, wherever possible, dust, fumes, and vapours should be dealt with at their point of origin and never allowed to mix with the general atmosphere of a room.

We can cite one particular instance in this city where at the time of inspection the work-room was so dusty that as a measure of relief the employees found it necessary to wear respirators during the entire work-day owing to two of the machines used in the industry throwing dust which impregnated the entire work-room. In complying with the suggestions of this Department the location of these machines was changed, so as to segregate them from the rest of the work-room. A mechanical exhaust system was installed and the dust removed at its source, resulting in better health to the employees and greater efficiency to the employer at a minimum of cost.

LIGHTING.

Owing to climatic conditions there are times when it is absolutely necessary that the lighting units in some of our industrial plants be utilized throughout the entire work-day, and it is important from a safety and efficiency point of view that good illumination should be provided.

In our previous year's report reference was made to several instances where the Inspector was furnished with a lantern in order that a proper inspection could be made. While such has not been the case this year, nevertheless it has been necessary for the Inspector at times to request that the electric generator be placed in commission in order that an inspection could be made with a comparative degree of safety, both for himself and whoever was accompanying him. When conditions such as these are noted, orders are issued to provide continuous lighting at all points where an element of danger exists.

While our manufacturers to an improved degree are recognizing that proper illumination is essential to safety, and have provided the same, instances can be cited where the lighting has been rendered ineffective through steam escaping from defective packing and other causes. Conditions such as these are not altogether a reflection on the management, but the responsibility for such conditions existing should be placed upon those in charge of the steam plant. We are strongly of the opinion that the causation of a proportion of the accidents occurring throughout the Province could be directly attributed to insufficient illumination, instead of that oft reiterated statement, "carelessness on employee's part."

The whole subject of industrial lighting was formerly assumed to consist in providing a strong illumination, spaced at certain centres of the work-room, but it is gradually being universally admitted that this view is altogether erroneous.

It is not brilliance alone that must be taken into consideration at the time of installation. The intensity of the light at the material that is to be handled and at the sources of danger that are to be avoided is of greater importance than the candle-power of the lamps themselves when same are situated outside the working-zone.

The best method of illumination varies with the nature of the work, and in a great many cases it is desirable to supplement the general diffused illumination by placing auxiliary lights close to the machines that are being operated. In every case of this kind a shield should be provided, if necessary, to effectively protect the eyes of the operator from the direct rays of the auxiliary light.

It is now almost generally admitted that the eyes of the workers are almost certain to be injured by continued use in a poor light, and when the workers' sight is impaired there naturally follows a decrease in production and an increase in the accident rate. Some manufacturers still fail to recognize that the impairment of the eyesight of the worker is a distinct economic loss to his business and to the entire community, and that scarcity of illumination is a detriment to efficiency and success.

ELEVATORS.

The elevator is to-day an indispensable form of conveyance in the manufacturing and commercial life of our Province, and when it is realized that thousands of people are being transported by them daily the necessity of every precaution being taken to eliminate the many hazards connected with their operation is apparent.

The construction of an elevator shaftway is a very important undertaking and is not receiving from the architects and contractors of the Province the attention it merits. It is highly important in every case to have the interior of the shaftway flush from top to bottom on the entrance side of elevator. Many serious and at times fatal accidents are caused by passengers stumbling and having their arms, legs, or bodies crushed between the car and projections in the shaftway. Heretofore it had been the practice to install a so-called bevelled guard under all projections in the shaftway, the object being to push any projecting portion of the body back into the car instead of crushing it. The efficiency of this guard is open to question. In cases where the projections exceed 2 inches in width it would simply act as a wedge between the side of the car and shaftway, and for that reason we are having collapsible gates installed on passenger-elevators. This gate, if kept closed while the elevator is in motion, entirely eliminates this hazard. During the past year a great number of elevators in the Province that come under our jurisdiction have been equipped with these gates. While there has in some instances been a certain amount of hesitation in complying with this order, nevertheless we have at all times insisted that these gates be installed where necessary.

It is also very important that elevators be placed in charge of a competent operator and one who understands our language and realizes the responsibility of his position. Otherwise an elevator or shaftway that has been equipped with safety appliances for the prevention of accidents may and has proved dangerous through the employment of a careless operator.

During the past three months several serious and one fatal accident occurred on elevators through negligence of the operator, and in view of these occurrences I understand that the Government are contemplating amending the "Factories Act," giving us control over all passenger elevators and operators in the Province.

Owing to conditions arising out of the war it was very difficult for the elevator-constructors and supply-houses to procure cable for renewal purposes; consequently a great many cables have been found by us in a dangerous condition. Needless to say, we had these cables, wherever found, replaced as soon as possible. After these cables had been replaced by new ones they also required careful watching owing to a large percentage of the cable that was procurable being of such an inferior quality that it would require to be replaced in from eight to ten months' time.

COMPLAINTS.

The number of complaints received is greatly in excess of last year, and we believe that these are brought to our attention through confidence on the part of the informants that any wrongs which are violations of any section of the Act and which this branch of the Government's service can remedy will have our immediate attention. The greater part of those received referred to illegal employment and sanitary conditions.

With reference to complaints made anonymously, very few are verified, and, as we are unable to communicate with and inform the writers that the point raised is not illegal or is outside the scope of the "Factories Act," the impression is no doubt left in their minds that the Inspectors are dilatory in the performance of their duties.

If section 53, clause (*b*), were more generally understood by the employees of factories coming under the jurisdiction of this Department, it would relieve this office of a great deal of unnecessary work and would be more satisfactory to all concerned. It has been our policy to encourage employees to notify us of any infractions of the Act which may come to their notice, by assuring them that the informant's name would not be divulged, and that all complaints, written or oral, would be treated as strictly confidential.

Many of the complaints deal with matters entirely outside the Act, and it is sometimes amusing to observe what omnipotent powers Inspectors are deemed by some members of the public to possess. For example, a lady complained to us lately that machinery contiguous to her work made too much noise while in operation and requested us to have this matter remedied.

In conclusion, I wish to thank you yourself, sir, and also the Deputy Minister, for the hearty encouragement and assistance that you have both rendered me during the year in the performance of my duties.

All of which is respectfully submitted.

Yours obediently,

R. J. STEWART,
Inspector of Factories.

REPORT OF INSPECTOR OF DYKES.

OFFICE OF THE INSPECTOR OF DYKES,
VICTORIA, B.C., December, 31st, 1919.

Hon. J. H. King,
Minister of Public Works, Victoria, B.C.

SIR,—I have the honour to submit herewith my annual report for the year 1919 relative to the maintenance and management of the dyking-works in the Matsqui, Maple Ridge, Coquitlam, and Pitt Meadows Districts.

Under the provisions of clause 46 of the "Dyking Assessments Adjustment Act" and amendments, the management of the Chilliwack District was taken over by the Municipality of Chilliwack on February 28th, 1919.

The following table shows the maximum freshet heights of the Fraser River for the years mentioned, as recorded by gauge-readings at Matsqui and Pitt River. Zero of these readings is low-water mark in Pitt River near its mouth, and is approximately 6.80 feet above low-water at the sand-heads.

Year.	Matsqui.		Pitt River.	
	Date.	H.W.	Date.	H.W.
1894	June 6	26.37	June 6	14.75
1900	" 27	22.85	" 28	12.00
1901	" 3	20.90	" 3	10.75
1902	July 6	19.00	July 6	9.75
1903	June 18	23.65	June 18	12.75
1904	" 11	18.80	" 12	9.82
1905	" 12	17.35	" 12	8.75
1906	" 9	13.95	" 9	7.70
	July 13	14.55	July 12	7.40
1907	June 5	18.85	June 5	9.70
1908	" 16	21.45	" 15	11.50
1909	" 17	19.25	" 18	10.20
1910	May 31	16.95	" 1	8.90
	June 17	16.70	" 12	8.80
1911	" 19	20.75	" 19	10.70
1912	" 26	17.35	" 27	9.20
1913	" 15	20.35	" 16	11.00
1914	" 22	18.45	" 23	10.10
1915	May 29	12.75	May 29	7.90
1916	June 28	20.70	June 29	11.50
1917	" 12	19.90	" 11	10.70
1918	" 23	21.40	" 23	11.80
1919	" 27	18.80	" 28	10.10

As shown above, the freshet of 1919 was not higher than the average; the length of the freshet season, however, during which the sluice-gates were closed was somewhat longer than usual.

The following is a detailed statement of Maintenance Account from October 1st, 1918, to September 30th, 1919:—

Service.	Dyking District.				
	Matsqui.	Maple Ridge.	Coquitlam.	Pitt Meadows.	
				Tract No. 1	Tract No. 2
Fuel on hand Oct. 1st, 1918			$ 90 00		
Electric power purchased during 1919	$2,021 58	$1,046 39	687 51	$ 402 72	$ 291 71
Wages	1,035 48	559 02	778 03	422 69	275 87
Repairs and supplies	137 81	269 89	350 09	38 25	19 88
Insurance	187 50	70 00	35 00	17 50	17 50
Annual payment on cost of electric pumping plant	659 66	1,262 25	1,294 00	412 25	686 51
Telephone service		25 00	25 00		
	$4,042 03	$3,232 55	$3,259 63	$1,293 41	$1,291 47
Credit by fuel on hand Sept. 30th, 1919			90 00		
Total cost of pumping	$4,042 03	$3,232 55	$3,169 63	$1,293 41	$1,291 47
Maintenance and Management of Dykes.					
Repairs, including wages of caretaker	780 88	964 19	354 18	124 36	123 55
Brushing dyke	48 50	607 59	10 50	233 44	174 93
Fencing	161 95		67 75		
Booms for protecting dyke		75 00			
Bounty paid on rats		4 72	2 01	62	60
Postage-stamps	17 19	15 91	50 89	64	6 88
Printing and stationery	56 50	45 94	17 75	6 50	6 00
Telephone service and messages	12 30	13 21	4 54	1 68	1 56
Annual payment to 1945 on cost of concrete sluices		631 25	597 69	140 13	127 68
Plant		14 31	4 90	1 81	1 73
Salary of Inspector of Dykes, proportionate amount	725 56	596 50	229 40	83 99	79 15
Travelling expenses of Inspector of Dykes, proportionate amount	58 52	40 98	15 23	6 03	5 23
Salary of clerks and extra clerical work, proportionate amount	971 98	802 21	311 38	112 43	105 60
Expenses, Court of Revision	3 10				
Premium on guarantee bond, proportionate amount	2 88	2 32	90	32	30
Total expenditure	$6,881 39	$7,046 68	$4,836 75	$2,005 36	$1,924 68

STATEMENT SHOWING THE TOTAL AMOUNT OF CAPITAL CHARGE AND THE ANNUAL ASSESSMENT THEREON; THE AMOUNT ASSESSED ON MAINTENANCE ACCOUNT FOR YEAR ENDING SEPTEMBER 30TH, 1919; AND ALSO THE RATE PER ACRE.

	Matsqui.	Maple Ridge.		Coquitlam.	Pitt Meadows.	
		High Land.	Low Land.		Tract No. 1	Tract No. 2
Total capital charge	$125.000 00	$26,980 80	$100,415 20	$57,988 00	$17,815 32	$17,052 62
Capital charge per acre	$12.2434	$10.322	$17.3764	$17.913	$15.165	$15.3318
Annual assessment on capital charge	$6,250 00	$1,349.04	$5,020 06	$2,899 40	$890 77	$852 63
Maintenance charge.						
On lands assessable on an acreage basis	$6,877 76	$1,483 69	$5,531 62	$4,430 19	$2,005 36	$1,924 68
On lands subject to a minimum rate	3 63	19 10	12 27	406 56	.....	.....
Total maintenance charge	$6,881 39	$1,502 79	$5,543 89	$4,836 75	$2,005 36	$1,924 68
Acreage assessable on an acreage basis	10,208.98	2,605.93	5,773.64	3,161.08	1,174.78	1,112.22
Acreage subject to minimum rate	0.62	8.00	5.19	76.16	.....	.....
Total acreage	10,209.60	2,613 93	5,778.83	3,237.24	1,174.78	1,112.22
Rate per acre, capital charge	$0 61 9/10	$0 51 6/10	$0 86 9/10	$0 89 5/10	$0 75 8/10	$0 76 7/10
Rate per acre, maintenance	0 67 4/10	0 56 9/10	0 95 8/10	1 40 3/10	1 70 7/10	1 73
Total rate per acre	$1 28 6/10	$1 08 5/10	$1 82 7/10	$2 29 8/10	$2 46 5/10	$2 49 7/10

ANNUAL TAX SALE.

For the reasons which governed during the years since the commencement of the war, only those lands the assessments on which were delinquent for the year 1916 were exposed for sale.

ARREARS OUTSTANDING.

The following is a statement showing approximately the net amount of arrears outstanding in each of the dyking districts for the years 1914-16 and 1917-18. The arrears for 1914-16 were made up principally from delinquent assessments on streets in municipalities which are not subject to tax sale; they include also some lands which are exempt under the provisions of the "Military Service Act."

	Matsqui.	Maple Ridge.	Coquitlam.	Pitt Meadows.	
				Tract No. 1.	Tract No. 2.
Arrears for 1914-16	$ 336 21	$1,533 02	$ 4,908 82	.....	$ 341 91
Arrears for 1917-18	3,087 06	6,690 61	8,431 73	$443 90	2,199 25
Totals	$3,423 27	$8,223 63	$13,340 55	$443 90	$2,541 16

PUMPS.

Owing to the exceptionally heavy rainfall, particularly in the Matsqui District, extending from about May 24th to 30th, the water inside the dyke gradually gained on the pumps, especially at No. 1 Pumping Station, for several days, until some of the low-lying areas were more or less flooded, although the pumps were working to their full capacity until the water was reduced to normal.

During the present year a large area in the Matsqui Prairie has been formed into a drainage district, under the provisions of the "Drainage Dyking and Development Act," and a contract let to the Northern Construction Company for carrying out the work.

As a result of improving and increasing drainage facilities, the run-off from the remote portions of the drainage area will reach the pumps in a much shorter time than it does under present conditions.

In order, therefore, to increase the capacity of discharge of the pumping plants, necessitated by the new conditions, a contract has been entered into with the Vancouver Machinery Depot for the installation of two new electrically driven pumping plants, one each at No. 1 and No. 2 Pumping Stations; the capacity of discharge of the new plant at the former to be about 20,000 gallons per minute and at the latter about 15,000.

The existing plants have a capacity of discharge of about 20,000 gallons per minute each.

According to the terms of the contracts, the works in connection with the drainage and the installation of new plants, respectively, are to be completed before high-water season next year.

MAPLE RIDGE PUMPING PLANT.

As the two old wooden pumps have been in operation for about twenty-five years, they are liable to break down through decay of the timber. They should be replaced after the next pumping season with modern centrifugal pumps having a capacity of discharge of at least 20,000 gallons per minute each. The electric motors already installed would be suitable for operating the new pumps.

SLUICE-GATES, MATSQUI.

As the two wooden four-gate sluices at Pumping Stations No. 1 and No. 2, respectively, were beginning to show signs of decay, it was decided to replace them with reinforced-concrete sluices, having an area of discharge 50 per cent. greater than the old sluices.

In response to an advertisement for tenders for carrying out the work, the bid of J. A. Mackenzie for the sum of $11,720.60, being the lowest, complying with required conditions, was accepted, and the work is now in course of construction.

RIVER PROTECTION.

As mentioned in last year's Report of the Inspector of Dykes, protection-work for a length of about 1,000 feet near the upper end of Matsqui Dyke is urgently required to prevent further encroachment by the river. While unchecked this encroachment forms a serious menace to the safety of the dyke.

Respectfully submitted.

E. A. WILMOT,
Inspector of Dykes.

VICTORIA, B.C.:
Printed by WILLIAM H. CULLIN, Printer to the King's Most Excellent Majesty.
1920.

PROVINCE OF BRITISH COLUMBIA

ANNUAL REPORT

OF

THE DEPARTMENT OF LABOUR

FOR THE

YEAR ENDING DECEMBER 31ST

1919

PRINTED BY
AUTHORITY OF THE LEGISLATIVE ASSEMBLY.

VICTORIA, B.C.:
Printed by WILLIAM H. CULLIN, Printer to the King's Most Excellent Majesty.
1920.

To Colonel the Honourable EDWARD GAWLER PRIOR,

A Member of the King's Privy Council for Canada,

Lieutenant-Governor of the Province of British Columbia.

MAY IT PLEASE YOUR HONOUR:

The Annual Report of the Department of Labour of the Province for the year 1919 is hereby respectfully submitted.

J. W. DE B. FARRIS,

Minister of Labour.

Office of the Minister of Labour,

February 17th, 1920.

The Honourable J. W. de B. Farris,
Minister of Labour.

SIR,—I have the honour to submit herewith my second Annual Report on the work of the Department of Labour up to December 31st, 1919.

I have the honour to be,
Sir,
Your obedient servant,

J. D. McNIVEN,
Deputy Minister of Labour.

Department of Labour, Victoria, B.C.,
February 16th, 1920.

REPORT OF THE DEPUTY MINISTER OF LABOUR

for the

YEAR ENDING DECEMBER 31st, 1919.

The year 1919 was a period of many changes in the labour affairs of this Province, leading to unexampled situations which at times presented features of grave anxiety. The sudden cessation of hostilities towards the end of 1918, after more than four years of world-war, introduced a new condition of things entirely different, economically and industrially, from what obtained either during the period of the struggle or in the years that preceded it. In the early part of the year especially many thousands of soldiers were returning to the Province week by week, the great majority of them anxious to be absorbed in our industries with as little delay as possible. At the same time some trades which had owed their prosperity to war conditions now showed a slackening off, while others became more active. In the circumstances some amount of industrial disturbance was almost inevitable; but the atmosphere of unrest was intensified by a sudden cleavage in the ranks of organized labour, the putting forward of new claims in respect of wages and working conditions, and the frequent occurrence of strikes, culminating in the big industrial upheaval which brought many businesses to a standstill for several weeks in the middle of summer.

Probably no Province in Canada was more adversely affected by these events than British Columbia. For reasons referred to elsewhere, the Province has been called upon to look after many thousands more than her due proportion of returned soldiers; and though this has been a duty gladly accepted, the responsibility, falling most heavily at the time of the general strike, was felt to be something of a strain. Not only did the strike put a stop to many operations while it lasted, but, as will be seen from the special report on another page, its effects were felt for a long time afterwards. At the end of the year the period of difficulty has not been passed, but the prospects are that 1920 will prove a more peaceful and prosperous year than its predecessor.

The Employment Bureaus.

In dealing with the question of unemployment, an important part has been played by the Employment Bureaus operated by this Department. From one single Bureau existing in Vancouver City at the beginning of the year the system has grown until now there is a chain of offices established in almost every important city and town in the Province, receiving the requests of employer and workman and catering for the needs of both. The work of the Bureaus will be more extensive in the coming year owing to the recent order making it illegal for private employment bureaus to be run on commercial lines. These private bureaus, while supplying in their day a real need, lent themselves at times to serious abuses; and their abolition was often asked for by workers, but could not be brought about until the machinery now provided by the Governmental Bureaus came into being.

Trade and Industrial Returns.

It is hoped that the section of the report which presents "Statistics of Trades and Industries" will be found to be of value. The tables have been compiled from returns made by over 1,200 firms, to whom thanks are due for their courtesy in complying with the Department's requests for information. There are, however, a number of firms in the Province who have not so complied, and the absence of the information which they might have given is regretted, inasmuch as it leaves the report incomplete and weakens the force of any comparison between these figures and those of former and succeeding years. On three points, however, it is felt that a comparison with the figures of 1918 is pertinent. These are the rise in the general level of industrial wages, the reduction in the number of hours worked, and the marked increase in the number of Canadians and British workers employed, as against the reduced proportion of

those of alien origin. The "Minimum Wage Act," affecting the wages of female employees, came into operation during the year. Already its effect is traceable in the figures given in the general tables, covering the period up to July 31st last, but the tendency is emphasized in the separate table which has been prepared more recently, dealing with the week ending December 13th.

A PROMISING OUTLOOK.

The high cost of living shows little or no sign of abatement, and this has been a potent cause of unrest. It is well to remember, however, that the prevailing good prices are favourable in many ways to a producing country such as British Columbia is, and such as she might become on a very large scale with the steady application and industry of her people, together with greater cordiality in the relations of employer and employed. This in turn must be based upon honest service on the one hand, and, on the other, the highest wages and the best working conditions that an industry will stand. Given these things, our Province cannot fail to go strongly ahead. In the coming year the many industries founded upon our natural wealth of timber and minerals are expected to find steady employment. Agriculture and fishing also have a promising outlook, and the miscellaneous industries in our larger centres are looking forward to a good year. The one uncertain feature is ship-building. One of the largest yards in the Province was recently closed, but some of the others have orders on hand which will keep them busy for a considerable time to come.

TWO IMPORTANT CONFERENCES.

Looking farther afield, brief reports will be found in subsequent pages relating to the National Industrial Conference at Ottawa in September last, and the League of Nations International Labour Conference held in Washington, U.S.A., in October and November.

The former Conference followed upon the Royal Commission on Industrial Relations, which held sittings in various parts of Canada in the early part of the year. The Conference, in the main, agreed with the recommendations of that Commission. Both employer and employed were ably represented, and in the five days' sittings much was accomplished, the Conference giving a lead to both Dominion and Provincial Governments in the treatment of many questions touching the aspirations of labour and the needs of industry. Considering the divergence of views represented, the unanimity of some of the decisions was remarkable. On only three questions was division found to remain at the close of the Conference—those of the eight-hour day, collective bargaining, and the application of the findings of the Royal Commission to Government employees. The decisions on which there was an agreed report included those in favour of proportional representation, joint industrial councils, and minimum wage laws for women and children; while directions were given for an inquiry into the subject of State insurance against unemployment, sickness, invalidity, and old age.

The International Conference at Washington had for its objective the international regulation of labour conditions. Here again the question of hours of labour presented one of the chief difficulties. While the eight-hour day and the forty-eight-hour week were adopted as a general principle applicable to all nations and industries, a number of important exceptions were made. July 1st, 1921, was set as the time for carrying the convention into effect, but it was felt that a longer period should be allowed to those nations whose industrial development is in a backward condition; for example, a period of five years was allowed in the case of Japan. Reciprocity with regard to the treatment of workers in foreign countries was set as the general rule, but this is not to interfere with the right of each nation to determine who shall compose their own population or be entitled to the rights of citizenship—an important proviso in a country where entry is sought by immigrant workers of all races. Many measures recommended by the Conference are already in force in our own Province, and others throughout the Dominion; but it is highly desirable, from every point of view, that other nations should bring themselves into line.

In conclusion, it may be claimed that the history of labour developments for 1919, whether regarded as local or national questions or in their wider aspect, has been one of progress; this in spite of some regrettable incidents which have caused temporary anxiety.

So far as it is within the power of Governments to alleviate the lot of the worker, some changes have been accomplished and more are on the way. We may be proud of the fact that in these matters our own Province has usually been a leader and not a follower.

THE NATIONAL INDUSTRIAL CONFERENCE.

It was my privilege, in company with the Hon. J. W. de B. Farris, Minister of Labour, to attend the National Industrial Conference of Dominion and Provincial Governments with representative employers and labour men and others having a special interest in labour questions, which was held at Ottawa on the days from September 15th to 20th last.

The object of the Conference was to consider subjects of industrial relations and labour laws, and also the labour features of the Treaty of Peace, this Conference being held some weeks prior to the opening of the international assembly at Washington, D.C., which is the subject of a report appearing on another page.

The Conference took place at the invitation of the Dominion Government, following the recommendation of the Royal Commission on Industrial Relations, which sat earlier in the year. It was attended by leading representatives of the Dominion and Provincial Governments. In order to ensure an interchange of views which should reflect the opinions of all parties affected by present-day labour problems, invitations had been sent out in equal number to employers and employees, all branches of trade and industry throughout Canada being included. They were divided into two groups, numbering together 176. The personnel of the Conference was completed by a third group, thirty-four in number. In this group were included representatives of agriculture, to which interest it had been found impossible to grant representations in either the employers' or employees' groups on account of there being no body from which delegates on behalf of farm-labour could be appointed. Representatives were also present of various engineering bodies, returned soldiers, and public men, and officials who had a more or less direct interest in labour questions.

The deliberations of the Conference were highly instructive, and the interchange of views between capital and labour, while being at times extremely candid, had little or no trace of ill-feeling on either side. Rather was there an all-round desire to face facts as they are, to recognize difficulties, to try and see the other side's point of view, and to strive after a peaceful solution of industrial unrest. The arguments of employer and employed were laid before the Conference with very great ability. Some of the most interesting contributions were made by speakers from our own Province, notably by Miss Helena Gutteridge, of Vancouver; Mr. J. B. Thompson, of Vancouver; Mr. E. S. Woodward, of Victoria; and Mr. Fred. Welsh, of Vancouver.

The method of discussion on any question coming before the Conference was to have a general debate in open session and to endeavour to arrive at a unanimous recommendation. In any instance where it became evident that unanimity was not obtainable the plan was followed of allowing the various groups to appoint the separate sections of a small committee to consider the question, and then, if the disagreement still survived, each section would report its own findings.

On three questions only did the Conference fail to find a common ground of agreement. One of these had reference to legalized hours of labour, a second to collective bargaining, and a third to the special case of Government employees.

QUESTION OF AN EIGHT-HOUR DAY.

It was on the first and second of these questions that the most distinct clash of opinions took place. The subject of hours of labour was debated by the Conference for a day and a half. The case for the eight-hour day was put by Mr. J. A. McClelland, of Montreal, and the leader of the opposition was Mr. Melville P. White, of Toronto. An incident of this debate was the intervention of Colonel David Carnegie, of London, England, who has been prominent in the organization of what are known as Whitley Councils in that country. Colonel Carnegie, who was an honoured guest at the Conference, took occasion to give his experience in the voluntary working of the eight-hour day for over twenty years at the works of Sir Robert Hadfield, of which he was at one time manager. His point was that not one of the predictions of disaster that were made when the eight-hour day was adopted had come true. Miss Gutteridge, on behalf of the "more progressive West," spoke of the success of the eight-hour system in this Province, at the same time asserting that labour did not regard an eight-hour day and a forty-four-hour week as an ideal, but as a compromise. Another speaker on the same side was Mr. W. R. Trotter, of Vancouver. A speaker who took the discussion off the regular lines was the Hon. Charles A. Dunning, of Saskatchewan, who urged the impracticability of controlling the hours and distribu-

tion of labour in agriculture "until you can control the sun and the wind and the clouds and the rain," and warned his hearers against accelerating the drift of workers towards the city, "thus causing a depletion in the rural districts, which is said to have a very great effect on the cost of living."

The question was referred to the committee, and in due course the Conference received the reports of the different sections. The employers asked for a Commission to undertake an investigation as to the adaptability of the eight-hour day to the different industries of the country. The employees urged the adoption of an eight-hour day by law throughout the Dominion, exemption to be granted to industries subject to seasonal and climatic conditions "if it can be established by investigation that the operation of such law is impracticable." The third group presented a report asking the Government of Canada to enact legislation providing for an eight-hour day in all industries where it is now established by agreement, and, after investigation by a Commission, to extend the same to all industries where it can be applied, "having due regard to the curtailment of production and distribution."

SOME DIFFERENCES NOT SETTLED.

Another subject on which the debate, while conducted in a very friendly way, left the two sides far apart was that covered by the triple heading "The Right to Organize; Recognition of Labour Unions; and The Right to Collective Bargaining." A similar course was followed to the one indicated above—an open debate, then the reference of the questions to the committee, and finally separate reports to the Conference. The labour group in their report endorsed the three principles referred to, and, going into particulars, set forth that the "recognition of labour unions" means the right of employees, or their duly accredited representative or representatives, to recognition of their employer or employers for the purpose of mutually arranging rules and regulations governing wages and working conditions. As to collective bargaining, the report spoke of negotiating agreements between "employers or groups of employers" and "employees or groups of employees" through the representative or representatives chosen by the respective parties themselves, and the report added: "Entering into agreements and bargaining collectively with an association or union of employees does not mean recognition of the 'closed shop' unless the agreement so provides." The labour section also asked for legislation to make it unlawful for employers to discriminate against members of unions or those engaged in "legitimate labour-union activities outside of working-hours."

The employers' report, while admitting the right of employees to join any lawful organization, asked that employers should not be required to recognize unions or to establish "closed shops." They asked that all discrimination should be ruled out—either on the part of employers or of employees, either on account of membership or of non-membership of any organization; and as to negotiations, they stood for the right to require that these should be direct with their own employees or groups of their own employees.

On this occasion the third group did not present a report.

THE POSITION OF GOVERNMENT EMPLOYEES.

On the question of applying the findings of the Royal Commission to Government employees, the employees' report suggested that these findings should be put into effect in all works controlled by all Government bodies where the principle of democratic management can be applied, and that the wages of Government employees should be "not less favourable" than those of private employees doing similar work. The employers did not make any recommendations, believing that "it is entirely a question between the Governments and their employees concerned." The third group recommended that the suggestions of the Royal Commission be put into effect in all government departments "in so far as such findings are to the benefit of the public weal."

GOVERNMENTAL BUREAUS ENDORSED.

A number of resolutions on matters of great public interest were adopted unanimously by the Conference. One of these commended the action of the Dominion and Provincial Governments in improving housing conditions. Another asked for equal opportunities in education; for compulsory education to the end of the fourteenth year, and for part time in cities and towns in the two ensuing years, and for education to be free. Freedom of speech and freedom of the press, subject to a line being drawn between liberty and licence, were also pleaded for; and all

Governments and municipalities were asked to take up seriously the question of unemployment, special note being made of the fact "that the various interests represented at the Conference adhere strictly to the employment policy agreed upon by the Provincial Governments, which aims at the centralization of the labour supply and demand in one agency."

MINIMUM WAGES FOR FEMALE WORKERS.

A strong recommendation was made that uniformity should be brought about in the laws relating to the welfare of those engaged in industrial work in the several Provinces of the Dominion; and to this end it was suggested that a Board should be appointed, consisting of three representatives of the Dominion and three of each of the Provincial Governments. Welcome was given to the decision of the Dominion Government to investigate the merits of the system of proportional representation. Another decision favoured the establishment of joint industrial councils; and another suggested plans of inquiry into State insurance against unemployment, sickness, invalidity, and old age. Minimum wage laws for women and children are now in operation in four (including British Columbia) of the Provinces of Canada, and the Conference suggested that the other Provinces should take up the question at once. The desirability of a uniform law throughout the Dominion was indicated, the minimum in all cases to be determined from time to time, due regard being given to local living conditions.

THE INTERNATIONAL LABOUR CONFERENCE.

The following report was presented to the Hon. J. W. de B. Farris, Minister of Labour, by the Deputy Minister on the proceedings of the International Labour Conference held at Washington, D.C., in October and November last:—

As representing the Province of British Columbia, I had the honour of attending the first International Labour Conference convened under the authority of the Treaty of Peace, and held in Washington, U.S.A. The labours of the Conference extended over exactly a month, commencing on October 29th and concluding on November 29th.

It is interesting at this period to recall that among the many nations represented at the Peace Conference in Paris last year Canada was the foremost in insisting that out of the peace settlement there should come to labour a greater freedom and a fuller degree of justice than it had ever enjoyed in the past. At the instance and with the cordial approval of the Prime Minister of England, the Canadian representatives at the Peace Conference drew up the sections of the Peace Treaty known as the Labour Convention. If, therefore, the International Conference should prove what it promises to become, the Magna Charta of labour throughout the world, Canadians may feel a legitimate pride that their representatives at Paris had a leading part in bringing it into existence.

The first steps in a great movement, however, are seldom taken without difficulty, and one serious disadvantage faced the Conference at the outset. The great nation which extended its hospitality to the Conference was not itself officially represented there. This was the unavoidable outcome of America's failure to ratify the Treaty of Peace, and the only thing that could be done in the circumstances was to extend to the United States the courtesy of granting her representation, but without the privilege of voting. Mr. Samuel Gompers, President of the American Federation of Labour, was appointed a labour delegate, but no representatives were appointed on behalf of the American employers or on behalf of the United States Government. This state of things was a notable loss to the Conference, and perhaps in an especial degree to Canada, for among the thirty-eight countries represented at the Conference it is safe to assume that none presents labour conditions and labour problems so nearly like our own as does the United States. The official aloofness of that country most likely explains another disadvantage under which the Conference laboured. While the visiting delegates were treated personally and collectively with all the courtesy and cordiality which one would look for among the people of the United States towards persons visiting that country on an important world mission, public interest in the Conference suffered, and the American press came far short of giving that amount of attention to its proceedings which their significance would have warranted. Where comment was made, it revealed in some cases an apprehension that the conclusions of such a Conference might tend to bring down American labour conditions to a level with those in the more backward countries. A perusal of the reports of the Conference proceedings will show how little ground there was for fears of this kind, but there can be no doubt that such fears existed.

WHAT THE TREATY OF PEACE DOES FOR LABOUR.

A better guiding principle seems to be that on which Canada has acted, in common with the Mother-country and our sister nations within the Empire. That is, that by helping to make conditions more tolerable for the workers in every country in the world, we are promoting our own advancement as well as that of others; and that, moreover, we could not stand aside from such a movement, even if it brought in its train no material gain for ourselves. In this spirit the Canadian representatives willingly accepted the leading principles and proposals embodied in the Labour Convention of the Treaty of Peace:—

First: The guiding principle above enunciated that labour should not be regarded merely as a commodity or article of commerce.

Second: The right of association for all lawful purposes by the employed as well as by the employers.

Third: The payment to the employed of a wage adequate to maintain a reasonable standard of life as this is understood in their time and country.

Fourth: The adoption of an eight-hour day or a forty-eight-hour week as the standard to be aimed at where it has not already been attained.

Fifth: The adoption of a weekly rest of at least twenty-four hours, which should include Sunday wherever practicable.

Sixth: The abolition of child-labour and the imposition of such limitations on the labour of young persons as shall permit the continuation of their education and assure their proper physical development.

Seventh: The principle that men and women should receive equal remuneration for work of equal value.

Eighth: The standard set by law in each country with respect to the conditions of labour should have due regard to the equitable economic treatment of all workers lawfully resident therein.

Ninth: Each State should make provision for a system of inspection in which women should take part, in order to ensure the enforcement of the laws and regulations for the protection of the employed.

PRINCIPLE OF FORTY-EIGHT-HOUR WEEK ENDORSED.

Of the subjects above mentioned, the eight-hour day proposal was one of those to provoke lengthy discussion. As soon as the question was reached it became apparent that there were wide differences of opinion as to the nature and extent of its application. On the motion of the Hon. N. W. Rowell, the subject was referred to a Commission of fifteen delegates, the employers, employees, and Government groups each nominating five. This Commission held a number of sittings, and on November 24th reported in the form of a draft convention, providing for an eight-hour day and forty-eight-hour week in all industrial undertakings, public and private, except those in which only members of the family are employed. A number of reservations, however, were made. For instance, the convention does not apply to persons having the responsibility of supervision or management or employed in a confidential capacity. Again, where by custom in a particular trade the hours of work on one or more days of the week are less than eight, there may be a nine-hour day on the remaining days. Also, in trades working in shifts, an average may be struck between long weeks and short weeks, provided the average for a period of two or three weeks does not exceed forty-eight hours weekly. Various exceptional conditions are also provided for, and the provisions of the convention may be suspended in any country in the event of war or other national emergency. July 1st, 1921, is set as the time for carrying the terms of the Convention into effect.

A sub-commission examined the case of countries in which the climate conditions, the imperfect development of industrial organization, or other special circumstances make the industrial conditions substantially different. In this category came Japan, in whose case the sub-commission recommended that a period of five years should be allowed her to adopt the provisions of the main convention. The Japanese Government and employers' delegate pleaded for more time, but her labour delegates strongly urged that she should be treated in the same way as other countries. He asserted that Japan was not a tropical country, but climatically like the United States, Italy, and Spain; that Japanese industry had developed enormously during the war, and that she was rapidly entering into the industrial conditions of modern

factories. He charged the Japanese Government with a desire to protect the employers at the expense of the workers, and said the relative inefficiency charged against Japanese workers was due to the exhausting effect on them of their prolonged hours of labour. Japan, he urged, was taking her place in the world as a first-class power, yet was pleading industrial inferiority.

A strong impression was produced by this plea, but Mr. Barnes explained that Japan had not now the machinery to meet the conditions of the convention, and could not obtain the same in less than three years; consequently the five-year period was agreed to. Special circumstances were also urged in the case of China, and the delegates from that country were asked to submit a scheme for a ten-hour day and sixty-hour week for adults, and a shorter working period for minors.

TREATMENT OF IMMIGRANT WORKERS.

On the subject of employment agencies, a firm stand was taken against agencies which charge fees, and it was recommended that the State should take all practicable measures to abolish private employment agencies as soon as possible. This, it may be noted, was an endorsement of the action already taken in British Columbia; indeed, the Act dealing with this question came into effect in this Province on November 1st, while the Conference was actually sitting. Another principle accepted by the Conference was that the employees and workers in a country should be consulted before bodies of foreign workers are recruited. A minority report from the Unemployment Commission was submitted by an Italian delegate, suggesting that the League of Nations should superintend the distribution of raw materials between different countries; but this was lost, the ground of opposition being that it would interfere unduly with personal rights.

A difficult question, in its international aspect, was raised by a resolution advising the establishment of a Commission to study the migration and protection of foreign workmen. It was felt that those countries to which workers naturally immigrate should have an important voice in the inquiry; so the Conference agreed to an amendment providing that only one-half the members of the Commission should come from European States.

It was made clear during these discussions that the younger countries of the world are not prepared to part with their power to prevent the flooding of those countries with other races. General assent was given to the principle of the reciprocal treatment of foreign workers, but this is not to disturb the right of the nations receiving immigration to determine "who should compose their own population or be entitled to the right of citizenship, or the rights which citizens should enjoy within their own territory."

CANADA REPRESENTED ON GOVERNING BOARD.

Important decisions were also reached on a number of other matters which it is unnecessary to detail here, among them being the employment of women and children and the use of unhealthy processes in manufacture. An important part of the machinery for the carrying-out of these decisions will be the governing body of the International Labour Office, composed of twelve members representing the various Governments, six others representing employers, and six representing workers. The Canadian Government will be one of those entitled to a representative, and Mr. Draper, of this country, will be one of the workers' representatives, pending the appointment of one from the United States. This body will make the final selection of the subjects to be dealt with at the next annual meeting of the Conference.

STATISTICS OF TRADE AND INDUSTRIES.

The efforts which were begun soon after the Department was established to obtain the most complete and reliable set of figures possible as to the wages, working-hours, and nationality of manual workers throughout the Province have been continued during the past year. In the statistics given in the last annual report it was not practicable to cover a period of more than seven months. In the present instance, and for the first time, a full year is taken—from August 1st, 1918, to July 31st, 1919. The latter date was selected in order to give employers the necessary time to supply the required information and for the Department's limited staff to analyse and tabulate the same.

The information supplied in the following tables is based upon returns furnished by 1,206 firms, as compared with 1,047 last year. These are classified among the different trades in the same way as last year, but on this occasion the figures are given for three additional industries—fish-canneries, fruit and vegetable canneries, and laundries, cleaning, and dyeing. Several other trades and occupations which were omitted last year are again omitted for various reasons. These include: (*a*) The operation of railways and farms; (*b*) other trades and callings where it was found difficult to draw a distinct line between employees engaged as salesmen and those engaged as workmen; (*c*) express companies, hotel and restaurant employees, Dominion and Provincial Government employees.

In addition to the returns which have been classified in the following pages, a number were received relating to trades which it was not possible to include, while in the trades that have been included a number of firms sent in their returns too late for their figures to be added to the totals in the appropriate tables. The information was collected by means of a questionnaire, a copy of which was sent to every firm engaged in industrial pursuits operating in the Province. A copy of this form of inquiry will be found immediately preceding the tables.

The questionnaire last year asked for particulars regarding the number employed in the management and office staff of each firm and the total wages in that department, but it was not found practicable to press for this return or to tabulate such information as was supplied under this head. Consequently this question was omitted from the form of inquiry this year.

In the table relating to wage-earners the average number employed in each month is given. This, be it noted, is not the actual or total numbers employed. If, for example, a firm employed 10 workmen in the first week of the month, 30 in the second week, 40 in the third week, and 20 in the fourth week, the average number employed during the month would be 25, and this would be the figure which the return asks from the firm. A comparison of totals with those of the first seven months of 1918 is only of limited value. Obviously the same persons are not included, and some of the firms making returns last year did not do so this year, and vice versa. The figures this year show an increase, ranging up to 7 per cent., in five of the seven months, but a slight decrease in April and a decrease of about 5 per cent. in June, the month of the general strike in the Coast cities. The number of females shows an increase for every month.

UPWARD TENDENCY OF WAGES.

For the reason mentioned above, any conclusions based upon a comparison of any of the tables with the corresponding tables for the previous year cannot be accepted as absolutely reliable; but the general effect of the two sets of figures is to reflect certain changes which were in progress during the two years. The tables of classified weekly wage-rates show a decided upward tendency in the Province with regard to rates of pay. The figures for rates of pay for adult males range from "under $6 weekly" (there are 11 under this heading as compared with 19 in the previous year) to $50 weekly and over, where the number for 1918 was 825 and for last year 1,289. Generally speaking, there is an increase in the number receiving the higher wages and a decrease in the number receiving the lower wages. As exact figures regarding individual rates of pay are not requested in the return, any attempt to work out average rates of pay from these figures would be misleading; but the general tendency may be illustrated by a division of the adult male wage-earners into three classes—viz., those receiving less than $20 per week; those receiving

from $20 to $30 per week; and those receiving more than $30 per week. In these three classes the comparison is as follows:—

Class 1.—Under $20 per week: 1918, 7,567 or 16.77 per cent. of the whole; 1919, 7,136 or 12.68 per cent.

Class 2.—Between $20 and $30 per week: 1918, 20,334 or 45.07 per cent.; 1919, 25,490 or 45.32 per cent.

Class 3.—Over $30 per week: 1918, 17,227 or 38.18 per cent.; 1919, 23,615 or 41.98 per cent.

The percentages for 1918 are worked out on a total of 45,110 adult male wage-earners and those for 1919 on a total of 56,241.

Not only did the changes in the wages of females conform to the same general rule, showing a greater number receiving the higher wages and a smaller number receiving the lower wages, but the operation of the "Minimum Wage Act" almost automatically raised the wages of many of the worse-paid women and girls. In last year's report wages paid to females showed the peak—that is, the largest number to receive a particular figure—at between $10 and $11; for the year now under review it is between $13 and $14. In reference to the "Minimum Wage Act," it should be borne in mind that in the manufacturing group of industries the order of the Board did not become effective until September 1st, 1919.

Among the industries paying the largest amount in wages during the year the leading position is held by ship-building, with a pay-roll of $10,223,844.67. Next in order come: Coal-mining, $7,391,088.19; sawmilling, $4,800,098.17; metal-mining, $4,527,802.30; logging, $3,823,428.23; pulp and paper manufacturing, $3,774,469.62; smelting, $2,920,040.48; machine-shops, $2,319,569.14; lumbering, $1,450,229.33; shingle-mills, $1,324,798.79; general contracting, $1,314,734.78; coast shipping, $1,109,320.03; and fish-canneries, $1,008,646.15. To take two groups of industries, those incidental respectively to the Province's forests and her mineral wealth, we find that the groups comprising the industries of logging, logging-railways, lumbering, lumber-dealers, manufacture of wood, planing-mills, sawmilling, and shingle-mills show an aggregate wage-list of $12,945,501.58; while the other group, comprising coal-mining, metal-mining and smelting, show an aggregate of $14,818,930.97. If complete returns could be obtained from these industries they would doubtless show greatly enhanced totals.

HOURS OF LABOUR REDUCED.

In hours of labour there is a downward tendency as compared with the previous year. Of the total number whose hours are given in the returns for 1918-19, nearly one-half, or 49.78 per cent., work 48 hours per week or less, while in the previous year the corresponding percentage was 44.03. The number whose hours were over 60 per week dropped from 676 in 1918 to 145 in 1919. Of the fifty groups of industries enumerated, there were eight which worked 52 weeks in the year; nine worked from 50 to 52 weeks; 16 from 45 to 50 weeks; eight from 40 to 45 weeks; while the following, taking the general average of their returns, worked less than 40 weeks: Shingle-mills 32.8 weeks; sawmilling, 35.8 weeks; metal-mining, 38.1 weeks; lumbering, 39.8 weeks; logging, 37.1 weeks; general contracting, 24.3 weeks; fruit and vegetable canneries, 29.5 weeks; fish canneries, 29.5 weeks; fertilizers and chemicals, 31.7 weeks; building trades, 39.3 weeks.

In the tables relating to the nationality of employees a marked change is shown in one respect, perhaps almost entirely attributable to the absorption of many returned soldiers into the industries of the Province. There is an increase in the total number of employees, but this increase is entirely confined to those belonging to Canada and Newfoundland (from 10,990 to 14,225), Great Britain and Ireland (from 12,517 to 13,537), and Hindustan (from 567 to 685). All the other nationalities show a slight decrease.

CONTENTS OF TABLES.

With regard to the tables immediately following, the general headings of such tables are given hereunder and the trades included under each heading:—

Table No. 1. Bakeries.—Includes manufacture of cakes and bread.

Table No. 2. Blacksmithing (Custom).—Includes horse-shoeing, marine blacksmithing, and oxy-acetylene welding.

Table No. 3. Boat and Scow Building.—Here are tabulated the firms engaged in the construction and repair of small craft.

Table No. 4. Boiler-making.—Here are grouped firms engaged solely in boiler-making.

Table No. 5. Breweries.—Under this heading are tabulated mineral-water manufacturers, breweries, soft-drink manufacturers, and bottling departments where the same are operated in connection with breweries.

Table No. 6. Building Trades.—This table includes firms making return as building contractors, constructors of dry-kilns, refuse-burners, mills, and brick furnaces, electrical contractors, hardwood and sanitary floor layers, and bricklayers.

Table No. 7. Candy-manufacturing.—Also comprises the manufacture of biscuits, confectionery, syrup, macaroni, and spaghetti.

Table No. 8. Cereal-milling.—Includes also rice, flour, feed, and grist mills.

Table No. 9. Cigar and Tobacco Manufacturing.—Comprises only these trades.

Table No. 10. Coal-mining.—This group contains also the operation of coke-ovens and coal-shipping docks.

Table No. 11. Coast Shipping.—Includes the operation of passenger and freight steamships, tug-boats (both general and towing logs), and river navigation, but does not include the operation of vessels in the off-shore trade.

Table No. 12.—Creameries and Dairies.—Also includes butter and ice-cream manufacturing.

Table No. 13. Explosives.—Includes only the manufacture of that commodity.

Table No. 14. Fertilizers and Chemicals.—Includes the manufacture of these two products only.

Table No. 15. Fish-canneries.

Table No. 16. Fruit and Vegetable Canneries.

Table No. 17. Garages.—Here are grouped garages, auto-repair shops, electric-motor repairing, auto-top and commercial carriage-body builders, storage-battery engineers and automobile electricians, motor-cycle and bicycle repair shops, vulcanizing, and truck-tractor manufacturers.

Table No. 18. Garment-making.—Includes tailoring, the manufacture of buttons, pleating, embroidery, etc., jute and cotton goods, shirts, overalls, knitted goods, ladies' cloaks, suits, women's garments, ladies' waists, millinery, and ladies' outfitting.

Table No. 19. Gas, Water, Power, and Electric Light.—This group comprises generating and distribution of light and power, manufacture of gas, the supplying of water to towns, operation of irrigation systems, manufacture of dissolved acetylene and oxygen, operation of hydro-electric power plants, and gasolene lighting and heating devices.

Table No. 20. General Contracting.—Here are grouped contractors for industrial plants, heating and ventilating, structural-steel fabricating, unloading coal, railway fencing, sewers, public works, pipes and valves, dredging, pile-driving, wharves, bridges, roofing, and automatic sprinklers.

Table No. 21. House Furnishings.—Comprises firms engaged in the manufacture of furniture, beds and bedding, springs and mattresses, upholstering, and carpet and linoleum laying.

Table No. 22. Iron and Brass Foundries.—Includes also brass-manufacturing, stove-manufacturing, and scrap-metal dealers.

Table No. 23. Laundries, Cleaning, and Dyeing.

Table No. 24. Lime, Stone, Cement, etc.—Includes brick-manufacturers, cut-stone contractors, stone quarries and dressing, manufacturers of Portland cement, lime, tiles and firebrick, dealers in sand, gravel, and crushed rock.

Table No. 25. Logging.—Here are grouped the firms making returns for purely logging operations.

Table No. 26. Logging-railways.—This table is confined to the operation of these only.

Table No. 27. Lumbering.—In this table are grouped all the firms making returns covering two or more operations in the manufacture of lumber; e.g., sawmilling and logging, sawmilling and planing-milling, lumber-manufacturing, lumbering, and so forth. Where separate returns are made covering each of such branches of the industry, the returns are classified each under its own appropriate heading; e.g., logging, sawmilling, etc.

Table No. 28. Lumber-dealers.—Includes importers and exporters of hardwood lumber, operation of lumber-yards, wholesale and retail lumber, and builders' supplies.

Table No. 29. Machine-shops.—Comprises machine and pattern shops, logging-engine manufacturers, manufacturers of pumps, marine gas-engines, canning machinery, elevators, ore-concentrating machinery, lead pipe, babbitt-metal solders, saws, mill machinery, and repairs to same.

Table No. 30. Manufacture of Jams, Blending of Teas, etc.—Comprises also the manufacture of pickles, catsups, spices, extracts, coffee, and jellies.

Table No. 31. Manufacture of Jewellery.—Includes the repair as well as manufacture of jewellery and watches and optical instruments (where same is carried on in a factory).

Table No. 32. Manufacture of Leather and Fur Goods.—Comprises furriers, leather-garment makers, boot and shoe manufacturers, manufacturers of leather Indian novelties, gloves, harness, saddlery, trunks, bags, shoe findings, also leather-tanners and hide, wool, and fur dealers.

Table No. 33. Manufacturers of Wood (not elsewhere specified).—Here are grouped general wood-workers, manufacturers of sash and doors, interior finish, water-proof plywood, veneer, store and office fittings, barrels, boxes, ships' knees, ready-cut buildings, wooden pipes and tanks, wooden pulleys, wooden toys, caskets, coffins and undertakers' supplies, cabinetmakers.

Table No. 34. Metal-mining.—Includes all metalliferous mining.

Table No. 35. Miscellaneous Metal Trades.—Here are grouped certain metal trades, the number of returns for which did not warrant a separate table. These comprise nut and bolt manufacturers, manufacturers of bands for wooden pipes and tanks, logging equipment, hand-saws, and galvanizing and electroplating.

Table No. 36. Miscellaneous Trades and Industries.—In a similar manner to the last table there are here grouped various trades which could not conveniently be included in any other of the groups and returns for which were not sufficiently numerous to warrant special treatment. They included manufacture of sails, tents, and awnings, paper boxes, tin containers, corn brooms and whisks, wholesale paper dealers and stationers, wool-pullers, soap-manufacturers, putting up ice for railroad companies, and cold storage.

Table No. 37. Oil-refining.—Included also the manufacture of fish-oil.

Table No. 38. Packing-houses.—Also comprises ham and bacon curers.

Table No. 39. Painting and Paper-hanging.—Here are grouped also sign-painters, glaziers, kalsominers, decorators, and automobile-painters.

Table No. 40. Paint-manufacture.—Includes also white-lead corroders and varnish-manufacturers.

Table No. 41. Planing-mills.—This table embraces all returns for this distinct branch of the lumber industry only.

Table No. 42. Plumbing and Heating.—In this table are also grouped installers of heating systems, steam-fitters, and plumbing and heating engineers.

Table No. 43. Printing and Publishing.—This table includes the printing and publishing of newspapers, job-printing, paper-ruling, bookbinding, engraving and embossing, blue-printing, lithographing, draughting and map-publishing, and the manufacture of rubber and metal stamps.

Table No. 44. Pulp and Paper Manufacturing.—Comprises only firms engaged in that industry.

Table No. 45. Sale and Delivery of Fuel.—Includes dealers in wood and coal fuel.

Table No. 46. Sawmilling.—Comprises all returns which refer exclusively to the operation of sawmills.

Table No. 47. Sheet-metal Works.—Here are tabulated also tinsmiths, installers of hot-air furnaces, blower systems for planing-mills and refrigerating apparatus.

Table No. 48. Shingle-mills.—Includes only such returns as refer exclusively to the operation of shingle-mills.

Table No. 49. Ship-building.—Comprises both wooden- and steel-ship building and repairing, also salvage.

Table No. 50. Smelting.—Comprises firms engaged exclusively in that industry.

ANSWERS FOR THE TWELVE MONTHS ENDING 31st JULY 1919

No. ..... ☞Nature of Trade or Industry .....

1. Total wages paid to wage-earners during twelve months ending 31st July, 1919.

$.....

NOTE.—Do not include salaries.

2. Wage-earners, number, 31st July, 1919, as per pay-roll.

	Males.	Females.
.....	.....	.....

3. Average No. of wage-earners (do not include salaried officials, etc.).

Average Number of Wage-earners during the Month of	Males.	Females.
1918 August		
September		
October		
November		
December		
1919 January		
February		
March		
April		
May		
June		
July		

4. Nationality of employees on pay-roll, 31st July, 1919.

Country of Origin	Males.	Females.
Canada and Newfoundland		
Great Britain and Ireland		
United States of America		
Australasia		
Belgium		
France		
Italy		
Germany		
Austria		
Norway, Sweden, and Denmark		
Russia or other Slav country		
Other European country		
China		
Hindustan		
Japan		
All other countries		

5. No. of Wage-earners (only) classified as to weekly wages.

Specified *Full-week* Wages (*Rates*) paid for the Week of Employment of the Greatest Number.	No. of Males.		No. of Females.		No. of Apprentices (not to be included in other columns).
	No. 18 Years of Age and over.	No. Under 18 Years of Age.	No. 18 Years of Age and over.	No. Under 18 Years of Age.	
Under $6.00					
$ 6.00 to $ 6.99					
7.00 to 7.99					
8.00 to 8.99					
9.00 to 9.99					
10.00 to 10.99					
11.00 to 11.99					
12.00 to 12.99					
13.00 to 13.99					
14.00 to 14.99					
15.00 to 15.99					
16.00 to 16.99					
17.00 to 17.99					
18.00 to 18.99					
19.00 to 19.99					
20.00 to 20.99					
21.00 to 21.99					
22.00 to 22.99					
23.00 to 23.99					
24.00 to 24.99					
25.00 to 25.99					
26.00 to 26.99					
27.00 to 27.99					
28.00 to 28.99					
29.00 to 29.99					
30.00 to 34.99					
35.00 to 39.99					
40.00 to 44.99					
45.00 to 49.99					
50.00 and over					
TOTALS					

6. Number of hours per week normally worked by wage-earners .....

7. During how many weeks in the twelve months ending 31st July, 1919, was your plant in operation? .....

.....

.....

☞Your attention is drawn to the obligation created by section 8 of the Act to supply the information asked for.☜

SUMMARY OF ALL TABLES.

Returns covering 1,207 Firms.

Below will be found the total figures compiled from the returns of the fifty groups of industries enumerated in the pages following.

Total Wages paid to Wage-earners
During twelve months ending 31st July, 1919.
$56,734,040.62.
Salaries not included.

Average Number of Wage-earners.

During the Month of	Males.	Females.
August (1918)	42,515	1,892
September	43,080	1,727
October	42,991	1,772
November	41,926	1,695
December	42,494	1,652
January (1919)	42,749	1,620
February	43,142	1,639
March	42,457	1,465
April	43,228	1,432
May	43,275	1,479
June	40,789	1,586
July	45,130	1,988

Nationality of Employees 31st July, 1919.

Country of Origin.	Males.	Females.
Canada and Newfoundland	14,257	1,022
Great Britain and Ireland	13,546	772
United States of America	2,120	69
Australasia	58	2
Belgium	106	4
France	216	23
Italy	1,577	28
Germany	96	.....
Austria	533	3
Norway, Sweden, and Denmark	2,010	19
Russia or other Slav country	1,163	11
Other European country	361	12
China	5,437	.....
Hindustan	685	.....
Japan	2,449	65
All other countries	132	2
Nationality not given	1,902	2

Classified Weekly Wage-rates (Wage-earners only.)

For Week of Employment of Greatest Number	Males.		Females.		Apprentices.
	18 Yrs. & over.	Under 18 Yrs.	18 Yrs. & over.	Under 18 Yrs.	
Under $6.00	11	24	4	4	20
$ 6.00 to $ 6.99	21	31	8	27	18
7.00 to 7.99	15	41	7	38	26
8.00 to 8.99	20	107	44	100	23
9.00 to 9.99	31	101	85	102	22
10.00 to 10.99	71	73	122	59	35
11.00 to 11.99	87	98	94	39	42
12.00 to 12.99	151	111	349	36	42
13.00 to 13.99	304	49	488	56	53
14.00 to 14.99	693	43	179	15	13
15.00 to 15.99	1,036	53	146	7	16
16.00 to 16.99	809	72	90	4	38
17.00 to 17.99	1,120	52	71	5	11
18.00 to 18.99	1,813	66	158	2	29
19.00 to 19.99	954	7	72	.....	11
20.00 to 20.99	1,308	25	38	.....	1
21.00 to 21.99	1,953	27	15	1	9
22.00 to 22.99	2,937	8	30	.....	10
22.00 to 23.99	3,105	5	10	.....	3
24.00 to 24.99	4,018	8	38	11	14
25.00 to 25.99	2,568	9	18	.....	3
26.00 to 26.99	2,139	4	4	.....	2
27.00 to 27.99	2,988	5	13	.....	1
28.00 to 28.99	1,991	1	35	.....	3
29.00 to 29.99	2,483	1	.....	.....	1
30.00 to 34.99	9,417	6	5	.....	.....
35.00 to 39.99	8,507	.....	5	.....	.....
40.00 to 44.99	2,941	.....	1	.....	.....
45.00 to 45.99	1,461	.....	.....	.....	.....
50.00 and over	1,289	.....	.....	.....	.....

Hours of Labour.

Number of men, on 31st of July, 1919, working—	
44 hours per week and under	11,999
Over 44 hours to 48 hours per week	11,268
Over 48 to 54 hours per week	10,037
56 hours per week	4,525
Over 54 to 60 hours per week	8,531
Over 60 hours per week	145
Working hours not given	143

TABLE NO. 1.

BAKERIES.

Returns covering 31 Firms.

Total wages paid to wage-earners during twelve months ending 31st July, 1919, $409,629.64.

Average Number of Wage-earners.

During the Month of	Males.	Females.
August (1918)	277	18
September	278	18
October	283	18
November	288	19
December	303	20
January (1919)	308	22
February	307	22
March	312	22
April	313	22
May	329	22
June	329	20
July	331	19

Classified Weekly Wage-rates (Wage-earners only).

For Week of Employment of Greatest Number.	Males.		Females.		Apprentices.
	18 Yrs. & over.	Under 18 Yrs.	18 Yrs. & over.	Under 18 Yrs.	
Under $6.00					1
$ 6.00 to $ 6.99					
7.00 to 7.99					
8.00 to 8.99				2	1
9.00 to 9.99					
10.00 to 10.99					1
11.00 to 11.99			1		1
12.00 to 12.99	1	1	2	3	
13.00 to 13.99			3		
14.00 to 14.99			4		
15.00 to 15.99			3		1
16.00 to 16.99	2		2		
17.00 to 17.99	4				
18.00 to 18.99	2				
19.00 to 19.99	2				
20.00 to 20.99	4				
21.00 to 21.99	4				
22.00 to 22.99	2				
23.00 to 23.99	5				
24.00 to 24.99	21				
25.00 to 25.99	133				
26.00 to 26.99	8				
27.00 to 27.99	39				
28.00 to 28.99	7				
29.00 to 29.99	7				
30.00 to 34.99	64				
35.00 to 39.99	13				
40.00 to 44.99	4				
45.00 to 49.99					
50.00 and over	1				

Nationality of Employees 31st July, 1919.

Country of Origin.	Males.	Females.
Canada and Newfoundland	86	12
Great Britain and Ireland	227	7
United States of America	6	
Australasia		
Belgium	1	
France	3	
Italy		
Germany		
Austria		
Norway, Sweden, and Denmark		
Russia or other Slav country		
Other European country	2	
China	6	
Hindustan		
Japan		
All other countries	1	
Nationality not given		

Hours of Labour.

Number of men, on 31st July, 1919, working—	
44 hours per week and under	1
Over 44 to 48 hours per week	277
Over 48 to 54 hours per week	34
Over 54 to 60 hours per week	
Over 60 hours per week	19
Working hours not given	1

TABLE NO. 2.

BLACKSMITHING (CUSTOMS).

Returns covering 23 Firms.

Total wages paid to wage-earners during twelve months ending 31st July, 1919, $67,313.30.

Average Number of Wage-earners.

During the Month of	Males.	Females.
August (1918)	55	
September	57	
October	60	
November	56	
December	57	
January (1919)	49	
February	51	
March	53	
April	51	
May	49	
June	49	
July	50	

Classified Weekly Wage-rates (Wage-earners only).

For Week of Employment of Greatest Number.	Males.		Females.		Apprentices.
	18 Yrs. & over.	Under 18 Yrs.	18 Yrs. & over.	Under 18 Yrs.	
Under $6.00					1
$ 6.00 to $ 6.99		1			
7.00 to 7.99					
8.00 to 8.99					
9.00 to 9.99					
10.00 to 10.99		1			
11.00 to 11.99					
12.00 to 12.99					
13.00 to 13.99					
14.00 to 14.99					
15.00 to 15.99		1			
16.00 to 16.99	1				
17.00 to 17.99					
18.00 to 18.99	1				
19.00 to 19.99					
20.00 to 20.99	2				
21.00 to 21.99	3				
22.00 to 22.99	4				
23.00 to 23.99					
24.00 to 24.99	14				
25.00 to 25.99	2				
26.00 to 26.99	5				
27.00 to 27.99	2				
28.00 to 28.99	2				
29.00 to 29.99					
30.00 to 34.99	16				
35.00 to 39.99	7				
40.00 to 44.99	1				
45.00 to 49.99					
50.00 and over	1				

Nationality of Employees 31st July, 1919.

Country of Origin.	Males.	Females.
Canada and Newfoundland	27	
Great Britain and Ireland	27	
United States of America	1	
Australasia		
Belgium	1	
France		
Italy		
Germany		
Austria		
Norway, Sweden, and Denmark	1	
Russia or other Slav country		
Other European country		
China		
Hindustan		
Japan		
All other countries		
Nationality not given		

Hours of Labour.

Number of men, on 31st July, 1919, working—	
44 hours per week and under	34
Over 44 to 48 hours per week	6
Over 48 to 54 hours per week	15
Over 54 to 60 hours per week	2
Over 60 hours per week	
Working hours not given	

TABLE NO. 3.

BOAT AND SCOW BUILDING.

Returns covering 11 Firms.

Total wages paid to wage-earners during twelve months ending 31st July, 1919, $100,276.75.

Average Number of Wage-earners.

During the Month of	Males.	Females.
August (1918)	102	
September	98	
October	67	
November	56	
December	71	1
January (1919)	97	1
February	105	1
March	113	1
April	102	1
May	103	1
June	75	1
July	81	1

Classified Weekly Wage-rates (Wage-earners only).

For Week of Employment of Greatest Number.	Males.		Females.		Apprentices.
	18 Yrs. & over.	Under 18 Yrs.	18 Yrs. & over.	Under 18 Yrs.	
Under $6.00					
$ 6.00 to $ 6.99	2				
7.00 to 7.99	2				
8.00 to 8.99	2				
9.00 to 9.99					
10.00 to 10.99		1			
11.00 to 11.99		2			
12.00 to 12.99					
13.00 to 13.99	2	1			
14.00 to 14.99	2				
15.00 to 15.99		1			
16.00 to 16.99					
17.00 to 17.99					
18.00 to 18.99					
19.00 to 19.99	6				
20.00 to 20.99	4				
21.00 to 21.99					
22.00 to 22.99	13				
23.00 to 23.99					
24.00 to 24.99	23		1		
25.00 to 25.99	2				
26.00 to 26.99					
27.00 to 27.99	7				
28.00 to 28.99					
29.00 to 29.99	4				
30.00 to 34.99	26				
35.00 to 39.99	32				
40.00 to 44.99	7				
45.00 to 49.99	3				
50.00 and over					

Nationality of Employees 31st July, 1919.

Country of Origin.	Males.	Females.
Canada and Newfoundland	20	
Great Britain and Ireland	12	
United States of America	1	
Australasia	1	
Belgium		
France		
Italy		
Germany		
Austria		
Norway, Sweden, and Denmark	1	
Russia or other Slav country		
Other European country		
China		
Hindustan		
Japan	10	1
All other countries	1	
Nationality not given		

Hours of Labour.

Number of men, on 31st July, 1919, working—	
44 hours per week and under	30
Over 44 to 48 hours per week	
Over 48 to 54 hours per week	7
Over 54 to 60 hours per week	9
Over 60 hours per week	
Working hours not given	

TABLE NO. 4.

BOILER-MAKING.

Returns covering 5 Firms.

Total wages paid to wage-earners during twelve months ending 31st July, 1919, $296,377.14.

Average Number of Wage-earners.

During the Month of	Males.	Females.
August (1918)	188	
September	186	
October	177	
November	167	
December	167	
January (1919)	166	
February	181	
March	190	
April	194	
May	184	
June	44	
July	192	

Classified Weekly Wage-rates (Wage-earners only).

For Week of Employment of Greatest Number.	Males.		Females.		Apprentices.
	18 Yrs. & over.	Under 18 Yrs.	18 Yrs. & over.	Under 18 Yrs.	
Under $6.00					1
$ 6.00 to $ 6.99					
7.00 to 7.99					
8.00 to 8.99		6			
9.00 to 9.99		1			
10.00 to 10.99		5			
11.00 to 11.99		2			1
12.00 to 12.99					
13.00 to 13.99	1				
14.00 to 14.99					
15.00 to 15.99	2				
16.00 to 16.99	1				2
17.00 to 17.99	1				
18.00 to 18.99					
19.00 to 19.99					3
20.00 to 20.99					
21.00 to 21.99	5				1
22.00 to 22.99	1				
23.00 to 23.99	43				
24.00 to 24.99	15				
25.00 to 25.99	26				
26.00 to 26.99	11				1
27.00 to 27.99	4				
28.00 to 28.99	3				
29.00 to 29.99	2				
30.00 to 34.99	33				
35.00 to 39.99	36				
40.00 to 44.99	4				
45.00 to 49.99					
50.00 and over					

Nationality of Employees 31st July, 1919.

Country of Origin.	Males.	Females.
Canada and Newfoundland	61	
Great Britain and Ireland	115	
United States of America	5	
Australasia		
Belgium		
France		
Italy	2	
Germany		
Austria		
Norway, Sweden, and Denmark	4	
Russia or other Slav country	2	
Other European country	1	
China		
Hindustan		
Japan		
All other countries		
Nationality not given		

Hours of Labour.

Number of men, on 31st July, 1919, working—	
44 hours per week and under	190
Over 44 to 48 hours per week	
Over 48 to 54 hours per week	
Over 54 to 60 hours per week	
Over 60 hours per week	
Working hours not given	

TABLE No. 5.

BREWERIES.

Returns covering 21 Firms.

Total wages paid to wage-earners during twelve months ending 31st July, 1919, $207,788.16.

Average Number of Wage-earners.

During the Month of	Males.	Females.
August (1918)	169	10
September	166	5
October	155	3
November	143	2
December	159	2
January (1919)	158	2
February	166	3
March	179	3
April	189	4
May	203	8
June	219	6
July	259	7

Classified Weekly Wage-rates (Wage-earners only).

For Week of Employment of Greatest Number.	Males.		Females.		Apprentices.
	18 Yrs. & over.	Under 18 Yrs.	18 Yrs. & over.	Under 18 Yrs.	
Under $6.00					
$ 6.00 to $ 6.99					
7.00 to 7.99		2		1	
8.00 to 8.99		2		1	
9.00 to 9.99	1				
10.00 to 10.99		1			1
11.00 to 11.99					
12.00 to 12.99		1	1		1
13.00 to 13.99	1	4	1		
14.00 to 14.99	1		8		
15.00 to 15.99	3	14			2
16.00 to 16.99		2			2
17.00 to 17.99	2	2			
18.00 to 18.99	9	2			1
19.00 to 19.99	1				
20.00 to 20.99	13				
21.00 to 21.99	11	1			
22.00 to 22.99	68				
23.00 to 23.99	20				1
24.00 to 24.99	29				
25.00 to 25.99	18				1
26.00 to 26.99	13				1
27.00 to 27.99	5				
28.00 to 28.99	8				2
29.00 to 29.99	6				
30.00 to 34.99	17				
35.00 to 39.99	7				
40.00 to 44.99	3				
45.00 to 49.99					
50.00 and over	3				

Nationality of Employees 31st July, 1919.

Country of Origin.	Males.	Females.
Canada and Newfoundland	60	5
Great Britain and Ireland	144	3
United States of America	4	4
Australasia	1	
Belgium	2	
France		
Italy	24	
Germany	2	
Austria	1	
Norway, Sweden, and Denmark	8	
Russia or other Slav country	4	
Other European country	1	
China	7	
Hindustan		
Japan		
All other countries		
Nationality not given		

Hours of Labour.

Number of men, on 31st July, 1919, working—	
44 hours per week and under	16
Over 44 to 48 hours per week	85
Over 48 to 54 hours per week	156
Over 54 to 60 hours per week	
Over 60 hours per week	
Working hours not given	1

TABLE No. 6.

BUILDING TRADES.

Returns covering 58 Firms.

Total wages paid to wage-earners during twelve months ending 31st July, 1919, $448,658.07.

Average Number of Wage-earners.

During the Month of	Males.	Females.
August (1918)	279	2
September	297	3
October	344	2
November	343	2
December	385	2
January (1919)	370	2
February	380	2
March	411	3
April	469	3
May	492	3
June	407	3
July	467	3

Classified Weekly Wage-rates (Wage-earners only).

For Week of Employment of Greatest Number.	Males.		Females.		Apprentices.
	18 Yrs. & over.	Under 18 Yrs.	18 Yrs. & over.	Under 18 Yrs.	
Under $6.00	3	1			3
$ 6.00 to $ 6.99					
7.00 to 7.99	2				3
8.00 to 8.99		2			3
9.00 to 9.99					1
10.00 to 10.99	2				5
11.00 to 11.99		1			1
12.00 to 12.99					1
13.00 to 13.99	3	2			
14.00 to 14.99	2				
15.00 to 15.99	9				
16.00 to 16.99	1				
17.00 to 17.99	13	1	2		
18.00 to 18.99	1				
19.00 to 19.99	7				
20.00 to 20.99	10		1		
21.00 to 21.99	6				
22.00 to 22.99	98				2
23.00 to 23.99	4				
24.00 to 24.99	63				
25.00 to 25.99	28				
26.00 to 26.99	11				
27.00 to 27.99	10				
28.00 to 28.99	20				
29.00 to 29.99	13				
30.00 to 34.99	219				
35.00 to 39.99	24				
40.00 to 44.99	21				
45.00 to 49.99	5				
50.00 and over	5				

Nationality of Employees 31st July, 1919.

Country of Origin.	Males.	Females.
Canada and Newfoundland	285	1
Great Britain and Ireland	225	2
United States of America	26	
Australasia	1	
Belgium	1	
France	4	
Italy	11	
Germany	1	
Austria		
Norway, Sweden, and Denmark	4	
Russia or other Slav country	7	
Other European country	2	
China	7	
Hindustan		
Japan		
All other countries		
Nationality not given	25	

Hours of Labour.

Number of men, on 31st July, 1919, working—	
44 hours per week and under	492
Over 44 to 48 hours per week	50
Over 48 to 54 hours per week	47
Over 54 to 60 hours per week	10
Over 60 hours per week	
Working hours not given	

TABLE No. 7.

CANDY-MANUFACTURING.

Returns covering 16 Firms.

Total wages paid to wage-earners during twelve months ending 31st July, 1919, $555,871.99.

Average Number of Wage-earners.

During the Month of	Males.	Females.
August (1918)	357	146
September	366	167
October	369	179
November	354	175
December	341	182
January (1919)	325	175
February	368	186
March	365	190
April	364	193
May	364	177
June	287	173
July	389	184

Classified Weekly Wage-rates (Wage-earners only).

For Week of Employment of Greatest Number.	Males.		Females.		Apprentices.
	18 Yrs. & over.	Under 18 Yrs.	18 Yrs. & over.	Under 18 Yrs.	
Under $6.00				2	
$ 6.00 to $ 6.99			1	8	
7.00 to 7.99			4	20	
8.00 to 8.99		1	16	5	
9.00 to 9.99		1	4	6	
10.00 to 10.99	1	8	24	3	
11.00 to 11.99	4	2	7	1	
12.00 to 12.99	1	12	73	1	
13.00 to 13.99	1	7	9		
14.00 to 14.99	2	2	7	1	
15.00 to 15.99	7		8		
16.00 to 16.99	8	1	4		
17.00 to 17.99	4		1		
18.00 to 18.99	8				
19.00 to 19.99	12		1		
20.00 to 20.99	4		2		
21.00 to 21.99	7				
22.00 to 22.99	5		2		
23.00 to 23.99	10				
24.00 to 24.99	3				
25.00 to 25.99	15				
26.00 to 26.99	7				
27.00 to 27.99	204				
28.00 to 28.99	6				
29.00 to 29.99	6				
30.00 to 34.99	17				
35.00 to 39.99	15				
40.00 to 44.99	7				
45.00 to 49.99	2				
50.00 and over					

Nationality of Employees 31st July, 1919.

Country of Origin.	Males.	Females.
Canada and Newfoundland	87	90
Great Britain and Ireland	237	88
United States of America	37	7
Australasia		
Belgium		1
France	1	
Italy	1	1
Germany		
Austria		
Norway, Sweden, and Denmark		
Russia or other Slav country		
Other European country	1	1
China	15	
Hindustan		
Japan	2	
All other countries		
Nationalty not given		2

Hours of Labour.

Number of men, on 31st July, 1919, working—

44 hours per week and under	2
Over 44 to 48 hours per week	47
Over 48 to 54 hours per week	332
Over 54 to 60 hours per week	
Over 60 hours per week	
Working hours not given	

TABLE No. 8.

CEREAL-MILLING.

Returns covering 18 Firms.

Total wages paid to wage-earners during twelve months ending 31st July, 1919, $135,538.80.

Average Number of Wage-earners.

During the Month of	Males.	Females.
August (1918)	106	
September	108	
October	110	
November	119	
December	120	
January (1919)	124	
February	121	1
March	121	1
April	124	1
May	126	1
June	123	1
July	122	1

Classified Weekly Wage-rates (Wage-earners only).

For Week of Employment of Greatest Number.	Males.		Females.		Apprentices.
	18 Yrs. & over.	Under 18 Yrs.	18 Yrs. & over.	Under 18 Yrs.	
Under $6.00					
$ 6.00 to $ 6.99		1			
7.00 to 7.99					
8.00 to 8.99					
9.00 to 9.99					
10.00 to 10.99					
11.00 to 11.99					
12.00 to 12.99					
13.00 to 13.99					
14.00 to 14.99					
15.00 to 15.99		1			
16.00 to 16.99		1	1		
17.00 to 17.99	14	1			
18.00 to 18.99	15				
19.00 to 19.99	10				
20.00 to 20.99	3				
21.00 to 21.99	29	1			
22.00 to 22.99	10				
23.00 to 23.99	6				
24.00 to 24.99	13				
25.00 to 25.99	8				
26.00 to 26.99	2				
27.00 to 27.99	8				
28.00 to 28.99	1				
29.00 to 29.99	3				
30.00 to 34.99	6				
35.00 to 39.99					
40.00 to 44.99					
45.00 to 49.99					
50.00 and over					

Nationality of Employees 31st July, 1919.

Country of Origin.	Males.	Females.
Canada and Newfoundland	40	
Great Britain and Ireland	61	1
United States of America		
Australasia		
Belgium		
France		
Italy		
Germany	1	
Austria		
Norway, Sweden, and Denmark	1	
Russia or other Slav country	1	
Other European country		
China	13	
Hindustan		
Japan	1	
All other countries		
Nationality not given		

Hours of Labour.

Number of men, on 31st July, 1919, working—

44 hours per week and under	3
Over 44 to 48 hours per week	14
Over 48 to 54 hours per week	76
Over 54 to 60 hours per week	25
Over 60 hours per week	
Working hours not given	

TABLE No. 9.

CIGAR AND TOBACCO MANUFACTURING.

Returns covering 9 Firms.

Total wages paid to wage-earners during twelve months ending 31st July, 1919, $100,502.67.

Average Number of Wage-earners.

During the Month of	Males.	Females.
August (1918)	91	15
September	95	14
October	91	20
November	89	25
December	92	18
January (1919)	81	23
February	83	23
March	84	16
April	82	16
May	85	18
June	24	18
July	96	20

Classified Weekly Wage-rates (Wage-earners only).

For Week of Employment of Greatest Number.	Males.		Females.		Apprentices.
	18 Yrs. & over.	Under 18 Yrs.	18 Yrs. & over.	Under 18 Yrs.	
Under $6.00		3			
$ 6.00 to $ 6.99		2			
7.00 to 7.99					
8.00 to 8.99	1	1		1	
9.00 to 9.99		1		1	
10.00 to 10.99		1	4	1	
11.00 to 11.99	1		4	1	
12.00 to 12.99					1
13.00 to 13.99			5		
14.00 to 14.99	2		1		
15.00 to 15.99	3				
16.00 to 16.99			1		1
17.00 to 17.99	1				
18.00 to 18.99	1				
19.00 to 19.99					
20.00 to 20.99	2				
21.00 to 21.99	3				
22.00 to 22.99	23				
23.00 to 23.99	13				
24.00 to 24.99	6				
25.00 to 25.99	8				
26.00 to 26.99	10				
27.00 to 27.99	4				
28.00 to 28.99	10				
29.00 to 29.99	2				
30.00 to 34.99	7				
35.00 to 39.99					
40.00 to 44.99					
45.00 to 49.99					
50.00 and over					

Nationality of Employees 31st July, 1919.

Country of Origin.	Males.	Females.
Canada and Newfoundland	49	6
Great Britain and Ireland	12	11
United States of America	26	
Australasia		
Belgium		
France		
Italy		2
Germany	4	
Austria		
Norway, Sweden, and Denmark	5	
Russia or other Slav country		
Other European country	2	1
China		
Hindustan		
Japan		
All other countries		
Nationality not given	5	

Hours of Labour.

Number of men, on 31st July, 1919, working—

44 hours per week and under	6
Over 44 to 48 hours per week	97
Over 48 to 54 hours per week	
Over 54 to 60 hours per week	
Over 60 hours per week	
Working hours not given	

TABLE No. 10.

COAL-MINING.

Returns covering 12 Firms.

Total wages paid to wage-earners during twelve months ending 31st July, 1919, $7,391,088.19.

Average Number of Wage-earners.

During the Month of	Males.	Females.
August (1918)	5,005	
September	4,934	
October	4,953	
November	4,710	
December	5,084	
January (1919)	5,256	
February	5,285	
March	5,166	
April	5,187	
May	5,283	
June	3,774	
July	3,775	

Classified Weekly Wage-rates (Wage-earners only).

For Week of Employment of Greatest Number.	Males.		Females.		Apprentices.
	18 Yrs. & over.	Under 18 Yrs.	18 Yrs. & over.	Under 18 Yrs.	
Under $6.00					
$ 6.00 to $ 6.99					
7.00 to 7.99					
8.00 to 8.99					1
9.00 to 9.99					
10.00 to 10.99		1			
11.00 to 11.99		3			
12.00 to 12.99	2	27			
13.00 to 13.99	22	1			1
14.00 to 14.99	150	16			
15.00 to 15.99	146	6			
16.00 to 16.99	58	30			5
17.00 to 17.99	115	18			
18.00 to 18.99	66	19			
19.00 to 19.99	44	4			
20.00 to 20.99	41	10			
21.00 to 21.99	50	10			
22.00 to 22.99	54	3			
23.00 to 23.99	71	10			
24.00 to 24.99	220				
25.00 to 25.99	98	3			
26.00 to 26.99	208	3			
27.00 to 27.99	210	4			
28.00 to 28.99	240				1
29.00 to 29.99	98				
30.00 to 34.99	1,340	4			
35.00 to 39.99	683				
40.00 to 44.99	503				
45.00 to 49.99	384				
50.00 and over	402				

Nationality of Employees 31st July, 1919.

Country of Origin.	Males.	Females.
Canada and Newfoundland	546	
Great Britain and Ireland	1,877	
United States of America	47	
Australasia		
Belgium	33	
France	6	
Italy	209	
Germany	15	
Austria	67	
Norway, Sweden, and Denmark	23	
Russia or other Slav country	111	
Other European country	27	
China	850	
Hindustan		
Japan	131	
All other countries	5	
Nationality not given		

Hours of Labour.

Number of men, on 31st July, 1919, working—

44 hours per week and under	
48 hours per week	3,613
54 hours per week	216
Over 54 to 60 hours per week	118
Over 60 hours per week	
Working hours not given	

TABLE NO. 11.

COAST SHIPPING.

Returns covering 28 Firms.

Total wages paid to wage-earners during twelve months ending 31st July, 1919, $1,109,320.03.

Average Number of Wage-earners.

During the Month of	Males.	Females.
August (1918)	1,300	2
September	1,193	2
October	1,239	2
November	1,126	2
December	1,156	2
January (1919)	1,168	2
February	1,230	2
March	1,303	2
April	1,312	2
May	1,311	2
June	1,278	2
July	1,289	2

Classified Weekly Wage-rates (Wage-earners only).

For Week of Employment of Greatest Number.	Males.		Females.		Apprentices.
	18 Yrs. & over.	Under 18 Yrs.	18 Yrs. & over.	Under 18 Yrs.	
Under $6.00					
$ 6.00 to $ 6.99	2				
7.00 to 7.99					
8.00 to 8.99					
9.00 to 9.99					
10.00 to 10.99	2	1			
11.00 to 11.99	11	2			
12.00 to 12.99	7				
13.00 to 13.99	17	1			
14.00 to 14.99	5				
15.00 to 15.99	54	1	1		
16.00 to 16.99	23		1		
17.00 to 17.99	175	1			
18.00 to 18.99	95				
19.00 to 19.99	10				
20.00 to 20.99	52				
21.00 to 21.99	153				
22.00 to 22.99	56				
23.00 to 23.99	77				
24.00 to 24.99	14				
25.00 to 25.99	83				
26.00 to 26.99	81				
27.00 to 27.99	55				
28.00 to 28.99	19				
29.00 to 29.99	7				
30.00 to 34.99	157				
35.00 to 39.99	85				
40.00 to 44.99	58				
45.00 to 49.99	16				
50.00 and over	59				

Nationality of Employees 31st July, 1919.

Country of Origin.	Males.	Females.
Canada and Newfoundland	221	1
Great Britain and Ireland	150	1
United States of America	25	
Australasia	1	
Belgium		
France	2	
Italy		
Germany	1	
Austria		
Norway, Sweden, and Denmark	20	
Russia or other Slav country	4	
Other European country		
China	80	
Hindustan		
Japan	1	
All other countries		
Nationality not given	766	

Hours of Labour.

Number of men, on 31st July, 1919, working—

44 hours per week and under	3
Over 44 to 48 hours per week	803
Over 48 to 54 hours per week	279
Over 54 to 60 hours per week	56
Over 60 hours per week	22
Working hours not given	108

TABLE NO. 12.

CREAMERIES AND DAIRIES.

Returns covering 23 Firms.

Total wages paid to wage-earners during twelve months ending 31st July, 1919, $261,187.85.

Average Number of Wage-earners.

During the Month of	Males.	Females.
August (1918)	198	33
September	190	29
October	177	27
November	174	28
December	176	22
January (1919)	189	23
February	194	25
March	204	25
April	216	25
May	241	33
June	246	31
July	251	36

Classified Weekly Wage-rates (Wage-earners only).

For Week of Employment of Greatest Number.	Males.		Females.		Apprentices.
	18 Yrs. & over.	Under 18 Yrs.	18 Yrs. & over.	Under 18 Yrs.	
Under $6.00					
$ 6.00 to $ 6.99					
7.00 to 7.99		1			
8.00 to 8.99					
9.00 to 9.99			2		
10.00 to 10.99	1	1	8		
11.00 to 11.99			2		
12.00 to 12.99		2	7		
13.00 to 13.99	1		2		
14.00 to 14.99			4		2
15.00 to 15.99		3	7		
16.00 to 16.99	1	2			
17.00 to 17.99	11				
18.00 to 18.99	10				
19.00 to 19.99	9				
20.00 to 20.99	7				
21.00 to 21.99	29				
22.00 to 22.99	8				
23.00 to 23.99	20				
24.00 to 24.99	10				
25.00 to 25.99	35	1			
26.00 to 26.99	3				
27.00 to 27.99	7				
28.00 to 28.99	9				
29.00 to 29.99	6				
30.00 to 34.99	49				
35.00 to 39.99	19				
40.00 to 44.99	3				
45.00 to 49.99	2				
50.00 and over	7				

Nationality of Employees 31st July, 1919.

Country of Origin.	Males.	Females.
Canada and Newfoundland	49	22
Great Britain and Ireland	145	10
United States of America	11	
Australasia	2	
Belgium		
France		
Italy	1	1
Germany		
Austria		
Norway, Sweden, and Denmark	4	1
Russia or other Slav country	1	
Other European country		
China	20	
Hindustan		
Japan	19	
All other countries		
Nationality not given		

Hours of Labour.

Number of men, on 31st July, 1919, working—

44 hours per week and under	3
Over 44 to 48 hours per week	146
Over 48 to 54 hours per week	19
Over 54 to 60 hours per week	84
Over 60 hours per week	
Working hours not given	

TABLE No. 13.

EXPLOSIVES.

Returns covering 2 Firms.

Total wages paid to wage-earners during twelve months ending 31st July, 1919, $560,202.94.

Average Number of Wage-earners.

During the Month of	Males.	Females
August (1918)	757	9
September	792	15
October	808	19
November	824	24
December	731	19
January (1919)	337	2
February	253	1
March	236	2
April	311	7
May	285	7
June	204	5
July	195	1

Classified Weekly Wage-rates (Wage-earners only).

For Week of Employment of Greatest Number.	Males.		Females.		Apprentices.
	18 Yrs. & over.	Under 18 Yrs.	18 Yrs. & over.	Under 18 Yrs.	
Under $6.00					
$ 6.00 to $ 6.99					
7.00 to 7.99		1			
8.00 to 8.99					
9.00 to 9.99					
10.00 to 10.99					
11.00 to 11.99	30	3			
12.00 to 12.99					
13.00 to 13.99					
14.00 to 14.99	41		3	1	
15.00 to 15.99	26				
16.00 to 16.99	12				
17.00 to 17.99	22				
18.00 to 18.99	71		9		
19.00 to 19.99	27				
20.00 to 20.99	16				
21.00 to 21.99					
22.00 to 22.99	4		10		
23.00 to 23.99	100		1		
24.00 to 24.99	3				
25.00 to 25.99	39	3			
26.00 to 26.99	76				
27.00 to 27.99	119	1			
28.00 to 28.99	18				
29.00 to 29.99	66				
30.00 to 34.99	36				
35.00 to 39.99	97				
40.00 to 44.99	18				
45.00 to 49.99	6				
50.00 and over	2				

Nationality of Employees 31st July, 1919.

Country of Origin.	Males.	Females.
Canada and Newfoundland	35	
Great Britain and Ireland	91	1
United States of America	5	
Australasia		
Belgium		
France		
Italy		
Germany		
Austria		
Norway, Sweden, and Denmark	3	
Russia or other Slav country	2	
Other European country	4	
China	55	
Hindustan		
Japan		
All other countries		
Nationality not given		

Hours of Labour.

Number of men, on 31st July, 1919, working	
44 hours per week and under	
Over 44 to 48 hours per week	195
Over 48 to 54 hours per week	
Over 54 to 60 hours per week	
Over 60 hours per week	
Working hours not given	

TABLE No. 14.

FERTILIZERS AND CHEMICALS.

Returns covering 6 Firms.

Total wages paid to wage-earners during twelve months ending 31st July, 1919, $179,007.99.

Average Number of Wage-earners.

During the Month of	Males.	Females.
August (1918)	299	32
September	285	30
October	316	45
November	207	4
December	118	2
January (1919)	87	2
February	82	3
March	142	3
April	226	3
May	240	4
June	232	5
July	229	5

Classified Weekly Wage-rates (Wage-earners only).

For Week of Employment of Greatest Number.	Males.		Females.		Apprentices.
	18 Yrs. & over.	Under 18 Yrs.	18 Yrs. & over.	Under 18 Yrs.	
Under $6.00					
$ 6.00 to $ 6.99					
7.00 to 7.99					
8.00 to 8.99					
9.00 to 9.99					
10.00 to 10.99					
11.00 to 11.99					
12.00 to 12.99					
13.00 to 13.99					
14.00 to 14.99					
15.00 to 15.99					
16.00 to 16.99					
17.00 to 17.99		2			
18.00 to 18.99	13	1	1		
19.00 to 19.99	30				
20.00 to 20.99	29		43		
21.00 to 21.99	14				
22.00 to 22.99	108				
23.00 to 23.99	45		1		
24.00 to 24.99	16				
25.00 to 25.99	28				
26.00 to 26.99	7				
27.00 to 27.99	6				
28.00 to 28.99					
29.00 to 29.99	11				
30.00 to 34.99	6				
35.00 to 39.99	9				
40.00 to 44.99	4				
45.00 to 49.99					
50.00 and over					

Nationality of Employees 31st July, 1919.

Country of Origin.	Males.	Females.
Canada and Newfoundland	57	
Great Britain and Ireland	12	
United States of America	1	
Australasia		
Belgium		
France		
Italy		
Germany		
Austria	1	
Norway, Sweden, and Denmark	3	
Russia or other Slav country	1	
Other European country		
China	73	
Hindustan		
Japan	83	5
All other countries		
Nationality not given		

Hours of Labour.

Number of men, on 31st July, 1919, working—	
44 hours per week and under	
Over 44 to 48 hours per week	
Over 48 to 54 hours per week	
Over 54 to 60 hours per week	231
Over 60 hours per week	
Working hours not given	

TABLE NO. 15.

FISH-CANNERIES.

Returns covering 46 Firms.

Total wages paid to wage-earners during twelve months ending 31st, July, 1919, $1,008,646.15.

Average Number of Wage-earners.

During the Month of	Males.	Females.
August (1918)	1,039	242
September	922	174
October	675	101
November	428	94
December	297	85
January (1919)	276	96
February	251	61
March	376	31
April	699	40
May	866	94
June	1,043	143
July	1,109	293

Classified Weekly Wage-rates (Wage-earners only).

For Week of Employment of Greatest Number	Males.		Females.		Apprentices.
	18 Yrs. & over.	Under 18 Yrs.	18 Yrs. & over.	Under 18 Yrs.	
Under $6.00					
$ 6.00 to $ 6.99					
7.00 to 7.99					
8.00 to 8.99				1	
9.00 to 9.99	2			34	
10.00 to 10.99	2	5	2	13	
11.00 to 11.99	9	1	42	13	
12.00 to 12.99	34	3	17	9	
13.00 to 13.99	8		7		
14.00 to 14.99	12		8		
15.00 to 15.99	50		18	6	
16.00 to 16.99	30	2	23		
17.00 to 17.99	18	5	25		
18.00 to 18.99	160	1	89		
19.00 to 19.99	32		5		
20.00 to 20.99	39		2		
21.00 to 21.99	69	1	1		
22.00 to 22.99	52				
23.00 to 23.99	40		2		
24.00 to 24.99	65		28	11	
25.00 to 25.99	168		3		
26.00 to 26.99	13				
27.00 to 27.99	36		9		
28.00 to 28.99	25		32		
29.00 to 29.99	23				
30.00 to 34.99	143				
35.00 to 39.99	50		3		
40.00 to 44.99	37				
45.00 to 49.99	20				
50.00 and over	145				

Nationality of Employees 31st July, 1919.

Country of Origin.	Males.	Females.
Canada and Newfoundland	427	238
Great Britain and Ireland	247	6
United States of America	51	
Australasia	4	
Belgium		
France	1	
Italy	1	
Germany		
Austria	1	
Norway, Sweden, and Denmark	86	1
Russia or other Slav country		
Other European country	10	
China	231	
Hindustan	1	
Japan	63	49
All other countries	10	1
Nationality not given		

Hours of Labour.

Number of men, on 31st of July, 1919, working—

44 hours per week and under	71
Over 44 to 48 hours per week	89
Over 48 to 54 hours per week	156
Over 54 to 60 hours per week	809
Over 60 hours per week	7
Working hours not given	1

TABLE NO. 16.

FRUIT AND VEGETABLE CANNERIES.

Returns covering 11 Firms.

Total wages paid to wage-earners during twelve months ending 31st July, 1919, $195.301.63.

Average Number of Wage-earners.

During the Month of	Males.	Females.
August (1918)	73	121
September	150	188
October	300	270
November	253	147
December	175	139
January (1919)	199	122
February	207	154
March	48	14
April	46	2
May	40	4
June	77	131
July	97	264

Classified Weekly Wage-rates (Wage-earners only).

Employment of For Week of Greatest Number.	Males.		Females.		Apprentices.
	18 Yrs. & over.	Under 18 Yrs.	18 Yrs. & over.	Under 18 Yrs.	
Under $6.00					
$6.00 to $ 6.99					
7.00 to 7.99		3			
8.00 to 8.99		1			
9.00 to 9.99			6	7	
10.00 to 10.99		11	19	7	
11.00 to 11.99		2		3	
12.00 to 12.99		3	161	4	
13.00 to 13.99	8	2	259	37	
14.00 to 14.99			10		
15.00 to 15.99	46	1	6		
16.00 to 16.99		1	6		
17.00 to 17.99			9	5	
18.00 to 18.99	82		5		
19.00 to 19.99	3		5		
20.00 to 20.99	3	1	1		
21.00 to 21.99	15		3		
22.00 to 22.99			1		
23.00 to 23.99	4		2		
24.00 to 24.99	110		1		
25.00 to 25.99	25				
26.00 to 26.99	32				
27.00 to 27.99	5		1		
28.00 to 28.99	7				
29.00 to 29.99	7				
30.00 to 34.99	36		1		
35.00 to 39.99	12				
40.00 to 44.99	3				
45.00 to 49.99	1				
50.00 and over					

Nationality of Employees 31st July, 1919.

Country of Origin.	Males.	Females.
Canada and Newfoundland	30	85
Great Britain and Ireland	50	154
United States of America	1	
Australasia		
Belgium		
France	1	17
Italy	2	14
Germany		
Austria		3
Norway, Sweden, and Denmark		2
Russia or other Slav country		3
Other European country		
China	14	
Hindustan		
Japan		
All other countries		
Nationality not given		

Hours of Labour.

Number of men, on 31st of July, 1919, working—

44 hours per week and under	
Over 44 to 48 hours per week	2
Over 48 to 54 hours per week	55
Over 54 to 60 hours per week	41
Over 60 hours per week	
Working hours not given	

TABLE No. 17.

GARAGES.

Returns covering 46 Firms.

Total wages paid to wage-earners during twelve months ending 31st July, 1919, $274,274.92.

Average Number of Wage-earners.

During the Month of	Males.	Females.
August (1918)	238	2
September	231	3
October	223	4
November	225	4
December	225	4
January (1919)	227	4
February	228	4
March	248	4
April	260	5
May	266	6
June	270	5
July	273	5

Classified Weekly Wage-rates (Wage-earners only).

For Week of Employment of Greatest Number.	Males.		Females.		Apprentices.
	18 Yrs. & over.	Under 18 Yrs.	18 Yrs. & over.	Under 18 Yrs.	
Under $6.00		3			
$ 6.00 to $ 6.99		2			2
7.00 to 7.99		1			
8.00 to 8.99	1		2		4
9.00 to 9.99	2				
10.00 to 10.99	2	2			3
11.00 to 11.99	3				1
12.00 to 12.99	4	1			4
13.00 to 13.99	4	1			1
14.00 to 14.99	4				
15.00 to 15.99	13	1	4		4
16.00 to 16.99	1				1
17.00 to 17.99	6				1
18.00 to 18.99	8				
19.00 to 19.99	4				1
20.00 to 20.99	16				
21.00 to 21.99	12				
22.00 to 22.99	17	2			
23.00 to 23.99	11				
24.00 to 24.99	22				
25.00 to 25.99	10				
26.00 to 26.99	15				
27.00 to 27.99	7				
28.00 to 28.99	9	1			
29.00 to 29.99	6				
30.00 to 34.99	34				
35.00 to 39.99	40				
40.00 to 44.99	5				
45.00 to 49.99	2				
50.00 and over	1				

Nationality of Employees 31st July, 1919.

Country of Origin.	Males.	Females.
Canada and Newfoundland	155	4
Great Britain and Ireland	103	1
United States of America	11	1
Australasia		
Belgium		
France		
Italy	5	
Germany		
Austria		
Norway, Sweden, and Denmark	6	
Russia or other Slav country	1	
Other European country	2	
China	1	
Hindustan		
Japan	6	
All other countries		
Nationality not given		

Hours of Labour.

Number of men, on 31st July, 1919, working—	
44 hours per week and under	107
Over 44 to 48 hours per week	45
Over 48 to 54 hours per week	112
Over 54 to 60 hours per week	19
Over 60 hours per week	7
Working hours not given	

TABLE No. 18.

GARMENT-MAKING.

Returns covering 35 Firms.

Total wages paid to wage-earners during twelve months ending 31st July, 1919, $286,965.98.

Average Number of Wage-earners.

During the Month of	Males.	Females.
August (1918)	120	220
September	123	231
October	125	225
November	126	238
December	124	232
January (1919)	123	213
February	120	210
March	134	218
April	134	222
May	151	227
June	154	230
July	156	226

Classified Weekly Wage-rates (Wage-earners only).

For Week of Employment of Greatest Number.	Males.		Females.		Apprentices.
	18 Yrs. & over.	Under 18 Yrs.	18 Yrs. & over.	Under 18 Yrs.	
Under $6.00	2		1	1	
$ 6.00 to $ 6.99	2	2		9	
7.00 to 7.99	1	1		3	
8.00 to 8.99	1	2	2	4	
9.00 to 9.99	6	2	13	3	
10.00 to 10.99	6	1	10	5	
11.00 to 11.99	3		9	2	
12.00 to 12.99	4		37	7	
13.00 to 13.99			19	8	
14.00 to 14.99	3		40	2	
15.00 to 15.99	6		31		
16.00 to 16.99	1		17		
17.00 to 17.99	3		6		
18.00 to 18.99	6		17		
19.00 to 19.99			3		
20.00 to 20.99	8	2	5		
21.00 to 21.99	1		2		
22.00 to 22.99	8		2		
23.00 to 23.99	1				
24.00 to 24.99	6				
25.00 to 25.99	21				
26.00 to 26.99	2		3		
27.00 to 27.99	10				
28.00 to 28.99	17				
29.00 to 29.99	1				
30.00 to 34.99	23				
35.00 to 39.99	11				
40.00 to 44.99	4				
45.00 to 49.99	4				
50.00 and over	8				

Nationality of Employees 31st July, 1919.

Country of Origin.	Males.	Females.
Canada and Newfoundland	32	103
Great Britain and Ireland	52	98
United States of America	22	13
Australasia	1	
Belgium	3	
France		5
Italy	1	1
Germany		
Austria	2	
Norway, Sweden, and Denmark	6	4
Russia or other Slav country	5	
Other European country	5	2
China	27	
Hindustan		
Japan	1	1
All other countries	3	1
Nationality not given		

Hours of Labour.

Number of men, on 31st July, 1919, working—	
44 hours per week and under	74
Over 44 to 48 hours per week	73
Over 48 to 54 hours per week	9
Over 54 to 60 hours per week	4
Over 60 hours per week	
Working hours not given	

TABLE NO. 19.

GAS, WATER, POWER, AND ELECTRIC LIGHT.

Returns covering 23 Firms.

Total wages paid to wage-earners during twelve months ending 31st July, 1919, $613,532.37.

Average Number of Wage-earners.

During the Month of	Males.	Females.
August (1918)	431	2
September	469	3
October	484	3
November	449	4
December	438	4
January (1919)	400	4
February	397	5
March	417	5
April	446	4
May	316	4
June	362	5
July	346	5

Classified Weekly Wage-rates (Wage-earners only).

For Week of Employment of Greatest Number.	Males.		Females.		Apprentices.
	18 Yrs. & over.	Under 18 Yrs.	18 Yrs. & over.	Under 18 Yrs.	
Under $6.00			1		
$ 6.00 to $ 6.99					
7.00 to 7.99			2		
8.00 to 8.99		1			
9.00 to 9.99					
10.00 to 10.99	2		1		
11.00 to 11.99	1	1			
12.00 to 12.99	1	1			
13.00 to 13.99	2				
14.00 to 14.99	1				
15.00 to 15.99	3				
16.00 to 16.99					
17.00 to 17.99	6				
18.00 to 18.99	3				
19.00 to 19.99	22				
20.00 to 20.99	39				
21.00 to 21.99	18				
22.00 to 22.99	31				
23.00 to 23.99	11				
24.00 to 24.99	61				
25.00 to 25.99	48				
26.00 to 26.99	21				
27.00 to 27.99	39				
28.00 to 28.99	15				
29.00 to 29.99	8				
30.00 to 34.99	71				
35.00 to 39.99	56				
40.00 to 44.99	8				
45.00 to 49.99	5				
50.00 and over					

Nationality of Employees 31st July, 1919.

Country of Origin.	Males.	Females.
Canada and Newfoundland	157	5
Great Britain and Ireland	262	
United States of America	16	
Australasia		
Belgium		
France	1	
Italy	16	
Germany		
Austria		
Norway, Sweden, and Denmark	6	
Russia or other Slav country		
Other European country		
China	3	
Hindustan		
Japan		
All other countries		
Nationality not given		

Hours of Labour.

Number of men, on 31st July, 1919, working—

44 hours per week and under	215
Over 44 to 48 hours per week	143
Over 48 to 54 hours per week	3
Over 54 to 60 hours per week	86
Over 60 hours per week	14
Working hours not given	...

TABLE NO. 20.

GENERAL CONTRACTING.

Returns covering 42 Firms.

Total wages paid to wage-earners during twelve months ending 31st July, 1919, $1,314,734.78.

Average Number of Wage-earners.

During the Month of	Males.	Females.
August (1918)	837	1
September	1,434	1
October	1,299	2
November	1,284	2
December	1,286	3
January (1919)	898	3
February	853	...
March	1,040	...
April	939	...
May	878	2
June	848	2
July	1,586	2

Classified Weekly Wage-rates (Wage-earners only).

For Week of Employment of Greatest Number.	Males.		Females.		Apprentices.
	18 Yrs. & over.	Under 18 Yrs.	18 Yrs. & over.	Under 18 Yrs.	
Under $6.00	1				
$ 6.00 to $ 6.99	2				
7.00 to 7.99	1				
8.00 to 8.99		1			
9.00 to 9.99	2				
10.00 to 10.99					
11.00 to 11.99					
12.00 to 12.99	1				
13.00 to 13.99					
14.00 to 14.99					
15.00 to 15.99	8	1			
16.00 to 16.99		1			
17.00 to 17.99	5				
18.00 to 18.99	162		2		
19.00 to 19.99	4				
20.00 to 20.99					
21.00 to 21.99	17		2		
22.00 to 22.99	51				
23.00 to 23.99	10				
24.00 to 24.99	338	1			
25.00 to 25.99	52				
26.00 to 26.99	3				
27.00 to 27.99	168				
28.00 to 28.99	97				
29.00 to 29.99					
30.00 to 34.99	320				
35.00 to 39.99	243				
40.00 to 44.99	63				
45.00 to 49.99	179				
50.00 and over	28				

Nationality of Employees 31st July, 1919.

Country of Origin.	Males.	Females.
Canada and Newfoundland	580	
Great Britain and Ireland	281	
United States of America	69	3
Australasia	1	
Belgium	3	
France	12	
Italy	35	
Germany	5	
Austria	20	
Norway, Sweden, and Denmark	102	
Russia or other Slav country	56	
Other European country	3	
China	5	
Hindustan		
Japan		
All other countries	7	
Nationality not given	639	

Hours of Labour.

Number of men, on 31st July, 1919, working—

44 hours per week and under	877
Over 44 to 48 hours per week	166
Over 48 to 54 hours per week	177
Over 54 to 60 hours per week	591
Over 60 hours per week	...
Working hours not given	7

TABLE No. 21.

HOUSE FURNISHINGS.

Returns covering 6 Firms.

Total wages paid to wage-earners during twelve months ending 31st July, 1919, $145,624.32.

Average Number of Wage-earners.

During the Month of	Males.	Females.
August (1918)	87	21
September	119	22
October	141	16
November	136	15
December	144	16
January (1919)	144	17
February	141	18
March	146	17
April	159	17
May	174	17
June	119	16
July	176	19

Classified Weekly Wage-rates (Wage-earners only).

For Week of Employment of Greatest Number.	Males.		Females.		Apprentices.
	18 Yrs. & over.	Under 18 Yrs.	18 Yrs. & over.	Under 18 Yrs.	
Under $6.00					
$ 6.00 to $ 6.99		8		1	
7.00 to 7.99		7			
8.00 to 8.99		5		2	
9.00 to 9.99	1	1	1		
10.00 to 10.99	1	1	2		
11.00 to 11.99	4		1		
12.00 to 12.99	3		5		
13.00 to 13.99	2		2		
14.00 to 14.99	2		2		
15.00 to 15.99	3				
16.00 to 16.99			3		
17.00 to 17.99	4		1		
18.00 to 18.99	4	1			
19.00 to 19.99	9				
20.00 to 20.99	8				
21.00 to 21.99	10				
22.00 to 22.99	5				
23.00 to 23.99	11				
24.00 to 24.99	13				
25.00 to 25.99	2				
26.00 to 26.99	9				
27.00 to 27.99	11				
28.00 to 28.99	12				
29.00 to 29.99	4				
30.00 to 34.99	21				
35.00 to 39.99	3				
40.00 to 44.99	2				
45.00 to 49.99					
50.00 and over					

Nationality of Employees 31st July, 1919.

Country of Origin.	Males.	Females.
Canada and Newfoundland	111	14
Great Britain and Ireland	48	6
United States of America	8	
Australasia		
Belgium		
France		
Italy		
Germany		
Austria		
Norway, Sweden, and Denmark	1	
Russia or other Slav country		
Other European country		
China		
Hindustan		
Japan		
All other countries		
Nationality not given		

Hours of Labour.

Number of men, on 31st July, 1919, working—

44 hours per week and under	33
Over 44 to 48 hours per week	7
Over 48 to 54 hours per week	128
Over 54 to 60 hours per week	
Over 60 hours per week	
Working hours not given	

TABLE No. 22.

IRON AND BRASS FOUNDRIES.

Returns covering 15 Firms.

Total wages paid to wage-earners during twelve months ending 31st July, 1919, $370,507.51.

Average Number of Wage-earners.

During the Month of	Males.	Females.
August (1918)	339	
September	331	
October	333	
November	328	
December	304	
January (1919)	325	
February	333	
March	322	
April	318	
May	313	
June	205	
July	230	

Classified Weekly Wage-rates (Wage-earners only).

For Week of Employment of Greatest Number.	Males.		Females.		Apprentices.
	18 Yrs. & over.	Under 18 Yrs.	18 Yrs. & over.	Under 18 Yrs.	
Under $6.00		1			
$ 6.00 to $ 6.99	1				6
7.00 to 7.99		1			1
8.00 to 8.99	1	1			2
9.00 to 9.99	1				1
10.00 to 10.99					
11.00 to 11.99					3
12.00 to 12.99	2	1			3
13.00 to 13.99	2				5
14.00 to 14.99	1	1			1
15.00 to 15.99					1
16.00 to 16.99	1				2
17.00 to 17.99	1				
18.00 to 18.99	7				2
19.00 to 19.99					1
20.00 to 20.99	6				
21.00 to 21.99	16				1
22.00 to 22.99	54				2
23.00 to 23.99	23				
24.00 to 24.99	28				
25.00 to 25.99	6				1
26.00 to 26.99	8				
27.00 to 27.99	27				
28.00 to 28.99	13				
29.00 to 29.99	4				
30.00 to 34.99	87				
35.00 to 39.99	37				
40.00 to 44.99	2				
45.00 to 49.99	3				
50.00 and over	2				

Nationality of Employees 31st July, 1919.

Country of Origin.	Males.	Females.
Canada and Newfoundland	81	
Great Britain and Ireland	126	
United States of America	12	
Australasia	2	
Belgium	4	
France	1	
Italy	4	
Germany		
Austria		
Norway, Sweden, and Denmark	4	
Russia or other Slav country	8	
Other European country		
China		
Hindustan		
Japan	4	
All other countries		
Nationality not given		

Hours of Labour.

Number of men, on 31st July, 1919, working—

44 hours per week and under	229
Over 44 to 48 hours per week	3
Over 48 to 54 hours per week	7
Over 54 to 60 hours per week	7
Over 60 hours per week	
Working hours not given	

TABLE No. 23.

LAUNDRIES, CLEANING AND DYEING.

Returns covering 19 Firms.

Total wages paid to wage-earners during twelve months ending 31st July, 1919, $411,910.24.

Average Number of Wage-earners.

During the Month of	Males.	Females.
August (1918)	176	457
September	120	273
October	112	255
November	143	348
December	149	370
January (1919)	163	389
February	173	405
March	171	393
April	171	389
May	174	389
June	187	376
July	179	386

Classified Weekly Wage-rates (Wage-earners only).

For Week of Employment of Greatest Number.	Males.		Females.		Apprentices.
	18 Yrs. & over.	Under 18 Yrs.	18 Yrs. & over.	Under 18 Yrs.	
Under $6.00		1			
$ 6.00 to $ 6.99					
7.00 to 7.99					
8.00 to 8.99	1			6	
9.00 to 9.99			2	15	6
10.00 to 10.99	1	2	3	17	6
11.00 to 11.99			4	14	1
12.00 to 12.99	1	1	6	18	14
13.00 to 13.99		2	155	10	
14.00 to 14.99	1		40	7	
15.00 to 15.99	1	4	41		
16.00 to 16.99			13	1	
17.00 to 17.99	1		9		
18.00 to 18 99	5	6			
19.00 to 19.99	2		2		
20.00 to 20.99	5	5			
21.00 to 21.99	6				
22.00 to 22.99	13				
23.00 to 23.99	10		1		
24.00 to 24.99	35				
25.00 to 25.99	19		1		
26.00 to 26.99	10				
27.00 to 27.99	11				
28.00 to 28.99	11				
29.00 to 29.99	5				
30.00 to 34.99	16				
35.00 to 39.99	5				
40.00 to 44.99	2				
45.00 to 49.99					
50.00 and over					

Nationality of Employees 31st July, 1919.

Country of Origin.	Males.	Females.
Canada and Newfoundland	52	145
Great Britain and Ireland	111	218
United States of America	3	15
Australasia	3	
Belgium		
France		1
Italy	1	4
Germany		
Austria	2	
Norway, Sweden, and Denmark		5
Russia or other Slav country		8
Other European country	2	5
China		
Hindustan	2	
Japan		
All other countries		
Nationality not given		

Hours of Labour.

Number of men on 31st July, 1919, working—

44 hours per week and under	12
Over 44 to 48 hours per week	162
Over 48 to 54 hours per week	2
Over 54 to 60 hours per week	....
Over 60 hours per week	....
Working hours not given	....

TABLE No. 24.

LIME, STONE, CEMENT, ETC.

Returns covering 14 Firms.

Total wages paid to wage-earners during twelve months ending 31st July, 1919, $376,137.50.

Average Number of Wage-earners.

During the Month of	Males.	Females.
August (1918)	317	
September	328	
October	322	
November	312	
December	327	
January (1919)	334	
February	361	
March	389	
April	394	
May	399	
June	350	
July	322	

Classified Weekly Wage-rates (Wage-earners only).

For Week of Employment of Greatest Number.	MALES.		FEMALES.		Apprentices.
	18 Yrs. & over.	Under 18 Yrs.	18 Yrs. & over.	Under 18 Yrs.	
Under $6.00					
$ 6.00 to $ 6.99					
7.00 to 7.99					
8.00 to 8.99					
9.00 to 9.99		2			
10.00 to 10.99					
11.00 to 11.99					
12.00 to 12.99					
13.00 to 13.99					
14.00 to 14.99	1				
15.00 to 15.99	20				
16.00 to 16.99	36				
17.00 to 17.99	9				
18.00 to 18.99	63				
19.00 to 19.99	12				
20.00 to 20.99	12				
21.00 to 21.99	27				
22.00 to 22.99	18				
23.00 to 23.99	7				
24.00 to 24.99	34				
25.00 to 25.99	34				
26.00 to 26.99	24				
27.00 to 27.99	27				
28.00 to 28.99	4				
29.00 to 29.99	15				
30.00 to 34.99	40				
35.00 to 39.99	42				
40.00 to 44.99	7				
45.00 to 49 99	4				
50.00 and over					

Nationality of Employees 31st July, 1919.

Country of Origin.	Males.	Females.
Canada and Newfoundland	81	
Great Britain and Ireland	86	
United States of America	7	
Australasia		
Belgium		
France	2	
Italy	26	
Germany		
Austria		
Norway, Sweden, and Denmark	8	
Russia or other Slav country		
Other European country	3	
China	106	
Hindustan	2	
Japan	2	
All other countries		
Nationality not given		

Hours of Labour.

Number of men, on 31st July, 1919, working—

44 hours per week and under	33
Over 44 to 48 hours per week	47
Over 48 to 54 hours per week	137
Over 54 to 60 hours per week	87
Over 60 hours per week	....
Working hours not given	19

TABLE No. 25.

LOGGING.

Returns covering 88 Firms.

Total wages paid to wage-earners during twelve months ending 31st July, 1919, $3,823,428.23.

Average Number of Wage-earners.

During the Month of	Males.	Females.
August (1918)	2,978	28
September	2,868	28
October	2,746	30
November	2,451	29
December	1,940	19
January (1919)	2,389	18
February	2,867	19
March	2,970	21
April	2,952	21
May	2,842	23
June	2,950	24
July	3,226	25

Classified Weekly Wage-rates (Wage-earners only).

For Week of Employment of Greatest Number.	Males.		Females.		Apprentices.
	18 Yrs. & over.	Under 18 Yrs.	18 Yrs. & over.	Under 18 Yrs.	
Under $6.00					
$ 6.00 to $ 6.99					
7.00 to 7.99					
8.00 to 8.99					
9.00 to 9.99					
10.00 to 10.99					
11.00 to 11.99				1	
12.00 to 12.99					
13.00 to 13.99					
14.00 to 14.99		1			
15.00 to 15.99	18	2	2		
16.00 to 16.99	13				
17.00 to 17.99	9	1	2		
18.00 to 18.99	118			2	
19.00 to 19.99	22		1		
20.00 to 20.99	174	5	6		
21.00 to 21.99	125		2	1	
22.00 to 22.99	148		4		
23.00 to 23.99	96	2	1		
24.00 to 24.99	555	1	4		
25.00 to 25.99	302		2		
26.00 to 26.99	87		1		
27.00 to 27.99	262		1		
28.00 to 28.99	173				
29.00 to 29.99	226				
30.00 to 34.99	1,168	1			
35.00 to 39.99	379		2		
40.00 to 44.99	274				
45.00 to 49.99	172				
50.00 and over	84				

Nationality of Employees 31st July, 1919.

Country of Origin.	Males.	Females.
Canada and Newfoundland	816	16
Great Britain and Ireland	367	1
United States of America	242	2
Australasia	1	
Belgium	15	
France	33	
Italy	111	1
Germany	9	
Austria	106	
Norway, Sweden, and Denmark	542	1
Russia or other Slav country	176	
Other European country	32	
China	417	
Hindustan	19	
Japan	161	
All other countries	22	
Nationality not given	284	

Hours of Labour.

Number of men, on 31st July, 1919, working—	
44 hours per week and under	2
48 hours per week	2,154
Over 48 to 54 hours per week	471
Over 54 to 60 hours per week	725
Over 60 hours per week	1
Working hours not given	

TABLE No. 26.

LOGGING-RAILWAYS.

Returns covering 10 Firms.

Total wages paid to wage-earners during twelve months ending 31st July, 1919, $428,700.56.

Average Number of Wage-earners.

During the Month of	Males.	Females.
August (1918)	394	
September	370	
October	361	
November	310	
December	261	
January (1919)	242	
February	279	
March	283	
April	333	
May	277	
June	286	
July	349	

Classified Weekly Wage-rates (Wage-earners only).

For Week of Employment of Greatest Number.	Males.		Females.		Apprentices.
	18 Yrs. & over.	Under 18 Yrs.	18 Yrs. & over.	Under 18 Yrs.	
Under $6.00					
$ 6.00 to $ 6.99					
7.00 to 7.99					
8.00 to 8.99					
9.00 to 9.99					
10.00 to 10.99					
11.00 to 11.99					
12.00 to 12.99					
13.00 to 13.99					
14.00 to 14.99					
15.00 to 15.99					
16.00 to 16.99					
17.00 to 17.99					
18.00 to 18.99					
19.00 to 19.99	4				
20.00 to 20.99	9				
21.00 to 21.99	1				
22.00 to 22.99	27				
23.00 to 23.99					
24.00 to 24.99	70	3			
25.00 to 25.99	12				
26.00 to 26.99					
27.00 to 27.99	71				
28.00 to 28.99	18				
29.00 to 29.99					
30.00 to 34.99	92	1			
35.00 to 39.99	57				
40.00 to 44.99	12				
45.00 to 49.99	16				
50 and over	18				

Nationality of Employees 31st July, 1919.

Country of Origin.	Males.	Females.
Canada and Newfoundland	81	
Great Britain and Ireland	48	
United States of America	19	
Australasia		
Belgium		
France	1	
Italy	28	
Germany	1	
Austria	16	
Norway, Sweden, and Denmark	60	
Russia or other Slav country	38	
Other European country	20	
China	15	
Hindustan	1	
Japan		
All other countries		
Nationality not given		

Hours of Labour.

Number of men, on 31st July, 1919, working—	
44 hours per week and under	
48 hour per week	235
Over 48 to 54 hours per week	
Over 54 to 60 hours per week	81
Over 60 hours per week	12
Working hours not given	

TABLE No. 27.

LUMBERING.

Returns covering 18 Firms.

Total wages paid to wage-earners during twelve months ending 31st July, 1919, $1,450,229.33.

Average Number of Wage-earners.

During the Month of	Males.	Females.
August (1918)	1,247	7
September	1,202	8
October	1,326	8
November	1,190	6
December	1,066	6
January (1919)	972	6
February	1,220	7
March	1,297	8
April	1,303	6
May	1,339	5
June	1,440	7
July	1,473	7

Classified Weekly Wage-rates (Wage-earners only).

For Week of Employment of Greatest Number.	Males.		Females.		Apprentices.
	18 Yrs. & over.	Under 18 Yrs.	18 Yrs. & over.	Under 18 Yrs.	
Under $6.00					
$ 6.00 to $ 6.99					
7.00 to 7.99					
8.00 to 8.99					
9.00 to 9.99					
10.00 to 10.99					
11.00 to 11.99		3			
12.00 to 12.99	9	7			
13.00 to 13.99	30			1	
14.00 to 14.99	82	1			
15.00 to 15.99	88	1			
16.00 to 16.99	63	1			
17.00 to 17.99	66				
18.00 to 18.99	42	1	1		
19.00 to 19.99	17		5		
20.00 to 20.99	47		1		
21.00 to 21.99	38	2			
22.00 to 22.99	158	1			
23.00 to 23.99	39				
24.00 to 24.99	179		1		
25.00 to 25.99	74		1		
26.00 to 26.99	63				
27.00 to 27.99	148				
28.00 to 28.99	48				
29.00 to 29.99	39				
30.00 to 34.99	246				
35.00 to 39.99	97				
40.00 to 44.99	29				
45.00 to 49.99	19				
50.00 and over	32				

Nationality of Employees 31st July, 1919.

Country of Origin.	Males.	Females.
Canada and Newfoundland	483	4
Great Britain and Ireland	131	
United States of America	99	
Australasia		
Belgium	1	
France	16	
Italy	5	
Germany	3	
Austria	12	
Norway, Sweden, and Denmark	90	1
Russia or other Slav country	59	
Other European country	4	
China	380	
Hindustan	111	
Japan	66	
All other countries		
Nationality not given	51	

Hours of Labour.

Number of men, on 31st July, 1919, working—

44 hours per week and under	
Over 44 to 48 hours per week	449
Over 48 to 54 hours per week	331
Over 54 to 60 hours per week	731
Over 60 hours per week	
Working hours not given	

TABLE No. 28.

LUMBER-DEALERS.

Returns covering 4 Firms.

Total wages paid to wage-earners during twelve months ending 31st July, 1919, $33,377.91.

Average Number of Wage-earners.

During the Month of	Males.	Females.
August (1918)	42	
September	41	
October	31	
November	35	
December	34	
January (1919)	30	
February	36	
March	36	
April	36	
May	31	
June	30	
July	29	

Classified Weekly Wage-rates (Wage-earners only).

For Week of Employment of Greatest Number.	Males.		Females.		Apprentices.
	18 Yrs. & over.	Under 18 Yrs.	18 Yrs. & over.	Under 18 Yrs.	
Under $6.00					
$ 6.00 to $ 6.99					
7.00 to 7.99					
8.00 to 8.99					
9.00 to 9.99					
10.00 to 10.99					
11.00 to 11.99					
12.00 to 12.99					
13.00 to 13.99					
14.00 to 14.99					
15.00 to 15.99	7				
16.00 to 16.99	5				
17.00 to 17.99	10				
18.00 to 18.99	6				
19.00 to 19.99					
20.00 to 20.99	3				
21.00 to 21.99	1				
22.00 to 22.99					
23.00 to 23.99					
24.00 to 24.99	11				
25.00 to 25.99	4				
26.00 to 26.99					
27.00 to 27.99	1				
28.00 to 28.99					
29.00 to 29.99					
30.00 to 34.99	1				
35.00 to 39.99	7				
40.00 to 44.99	1				
45.00 to 49.99					
50.00 and over					

Nationality of Employees 31st July, 1919.

Country of Origin.	Males.	Females.
Canada and Newfoundland	18	
Great Britain and Ireland	6	
United States of America	3	
Australasia		
Belgium		
France		
Italy		
Germany		
Austria	1	
Norway, Sweden, and Denmark		
Russia or other Slav country	1	
Other European country		
China	4	
Hindustan		
Japan	2	
All other countries		
Nationality not given		

Hours of Labour.

Number of men, on 31st July, 1919, working—

44 hours per week and under	30
Over 44 to 48 hours per week	
Over 48 to 54 hours per week	3
Over 54 to 60 hours per week	2
Over 60 hours per week	
Working hours not given	

TABLE NO. 29.

MACHINE-SHOPS.

Returns covering 52 Firms.

Total wages paid to wage-earners during twelve months ending 31st July, 1919, $2,319,569.14.

Average Number of Wage-earners.

During the Month of	Males.	Females.
August (1918)	1,541	
September	1,673	
October	1,831	
November	1,904	
December	1,930	
January (1919)	1,723	
February	1,483	
March	1,405	
April	1,488	
May	1,311	
June	1,175	
July	1,264	

Classified Weekly Wage-rates (Wage-earners only).

For Week of Employment of Greatest Number.	Males.		Females.		Apprentices.
	18 Yrs. & over.	Under 18 Yrs.	18 Yrs. & over.	Under 18 Yrs.	
Under $6.00					9
$ 6.00 to $ 6.99	5	2			4
7.00 to 7.99	2				11
8.00 to 8.99	1	1			7
9.00 to 9.99	1	2			13
10.00 to 10.99	1				14
11.00 to 11.99	4	34			11
12.00 to 12.99		1			16
13.00 to 13.99					11
14.00 to 14.99	3				6
15.00 to 15.99	7				7
16.00 to 16.99	6	1			8
17.00 to 17.99	5				1
18.00 to 18.99	2	1			8
19.00 to 19.99	10				2
20.00 to 20.99	10				
21.00 to 21.99	180				5
22.00 to 22.99	181	10			4
23.00 to 23.99	386				1
24.00 to 24.99	164				
25.00 to 25.99	48				1
26.00 to 26.99	37				
27.00 to 27.99	38				
28.00 to 28.99	21				1
29.00 to 29.99	21				
30.00 to 34.99	628				
35.00 to 39.99	268				
40.00 to 44.99	51				
45.00 to 49.99	19				
50.00 and over	19				

Nationality of Employees 31st July, 1919.

Country of Origin.	Males.	Females.
Canada and Newfoundland	479	
Great Britain and Ireland	760	
United States of America	40	
Australasia		
Belgium	1	
France	2	
Italy	7	
Germany	2	
Austria	6	
Norway, Sweden, and Denmark	25	
Russia or other Slav country	7	
Other European country		
China	3	
Hindustan		
Japan	5	
All other countries	2	
Nationality not given		

Hours of Labour.

Number of men, on 31st July, 1919, working—	
44 hours per week and under	907
Over 44 to 48 hours per week	276
Over 48 to 54 hours per week	156
Over 54 to 60 hours per week	
Over 60 hours per week	
Working hours not given	

TABLE NO. 30.

MANUFACTURE OF JAMS, BLENDING OF TEAS, ETC.

Returns covering 9 Firms.

Total wages paid to wage-earners during twelve months ending 31st July, 1919, $88,033.29.

Average Number of Wage-earners.

During the Month of	Males.	Females.
August (1918)	59	57
September	56	50
October	60	51
November	58	44
December	55	37
January (1919)	50	37
February	47	41
March	43	44
April	41	41
May	52	45
June	58	54
July	62	63

Classified Weekly Wage-rates (Wage-earners only).

For Week of Employment of Greatest Number.	Males.		Females.		Apprentices.
	18 Yrs. & over.	Under 18 Yrs.	18 Yrs. & over.	Under 1 Yrs.	
Under $6.00					
$ 6.00 to $ 6.99					
7.00 to 7.99		1			
8.00 to 8.99				5	
9.00 to 9.99			6		
10.00 to 10.99	2	1	23	4	
11.00 to 11.99			2		
12.00 to 12.99	2		23		
13.00 to 13.99			2		
14.00 to 14.99			2		
15.00 to 15.99	5	1	2		
16.00 to 16.99	1		1		
17.00 to 17.99	1				
18.00 to 18.99	2				
19.00 to 19.99					
20.00 to 20.99	26				
21.00 to 21.99	6				
22.00 to 22.99	6				
23.00 to 23.99	2				
24.00 to 24.99	5				
25.00 to 25.99	3		1		
26.00 to 26.99	1				
27.00 to 27.99	1				
28.00 to 28.99					
29.00 to 29.99					
30.00 to 34.99	4				
35.00 to 39.99	1				
40.00 to 44.99	3				
45.00 to 49.99	1				
50.00 and over					

Nationality of Employees 31st July, 1919.

Country of Origin.	Males.	Females.
Canada and Newfoundland	37	39
Great Britain and Ireland	21	25
United States of America	6	4
Australasia		
Belgium		
France		
Italy		
Germany	3	
Austria		
Norway, Sweden, and Denmark	1	
Russia or other Slav country		
Other European country		
China	1	
Hindustan		
Japan	6	
All other countries		
Nationality not given		

Hours of Labour.

Number of men, on 31st July, 1919, working—	
44 hours per week and under	3
Over 44 to 48 hours per week	27
Over 48 to 54 hours per week	45
Over 54 to 60 hours per week	
Over 60 hours per week	
Working hours not given	

TABLE NO. 31.

MANUFACTURE OF JEWELLERY.

Returns covering 7 Firms.

Total wages paid to wage-earners during twelve months ending 31st July, 1919, $75,727.13.

Average Number of Wage-earners.

During the Month of	Males.	Females.
August (1918)	59	7
September	59	7
October	59	7
November	63	8
December	66	9
January (1919)	67	9
February	65	7
March	65	7
April	66	7
May	68	7
June	69	7
July	70	8

Classified Weekly Wage-rates (Wage-earners only).

For Week of Employment of Greatest Number.	Males.		Females.		Apprentices.
	18 Yrs. & over.	Under 18 Yrs.	18 Yrs. & over.	Under 18 Yrs.	
Under $6.00					4
$ 6.00 to $ 6.99					1
7.00 to 7.99					
8.00 to 8.99					2
9.00 to 9.99		2			
10.00 to 10.99					2
11.00 to 11.99					1
12.00 to 12.99	2		1	1	2
13.00 to 13.99	1		1		
14.00 to 14.99					2
15.00 to 15.99	2		1		
16.00 to 16.99					1
17.00 to 17.99					1
18.00 to 18.99					
19.00 to 19.99	1				
20.00 to 20.99	1				1
21.00 to 21.99					
22.00 to 22.99					
23.00 to 23.99	1				
24.00 to 24.99					
25.00 to 25.99	15				
26.00 to 26.99	1				
27.00 to 27.99	7				
28.00 to 28.99					
29.00 to 29.99					
30.00 to 34.99	17				
35.00 to 39.99	4				
40.00 to 44.99	2				
45.00 to 49.99					
50.00 and over					

Nationality of Employees 31st July, 1919.

Country of Origin.	Males.	Females.
Canada and Newfoundland	25	6
Great Britain and Ireland	33	1
United States of America	11	1
Australasia		
Belgium		
France		
Italy		
Germany		
Austria		
Norway, Sweden, and Denmark	1	
Russia or other Slav country		
Other European country	1	
China		
Hindustan		
Japan		
All other countries		
Nationality not given		

Hours of Labour.

Number of men, on 31st July, 1919, working—

44 hours per week and under	2
Over 44 to 48 hours per week	66
Over 48 to 54 hours per week	3
Over 54 to 60 hours per week	...
Over 60 hours per week	...
Working hours not given	...

TABLE NO. 32.

MANUFACTURE OF LEATHER AND FUR GOODS.

Returns covering 25 Firms.

Total wages paid to wage-earners during twelve months ending 31st July, 1919, $214,853.20.

Average Number of Wage-earners.

During the Month of	Males.	Females.
August (1918)	159	42
September	165	48
October	162	51
November	172	51
December	169	52
January (1919)	177	54
February	170	51
March	167	57
April	170	46
May	172	51
June	171	48
July	173	52

Classified Weekly Wage-rates (Wage-earners only).

For Week of Employment of Greatest Number.	Males.		Females.		Apprentices.
	18 Yrs. & over.	Under 18 Yrs.	18 Years & over.	Under 18 Yrs.	
Under $6.00		1			2
$ 6.00 to $ 6.99	2				
7.00 to 7.99					
8.00 to 8.99	1	3	1		1
9.00 to 9.99	3	2		1	
10.00 to 10.99	3		1		
11.00 to 11.99	2		1		
12.00 to 12.99	2	2	4		
13.00 to 13.99			6		
14.00 to 14.99	2		9	1	
15.00 to 15.99	1		12		
16.00 to 16.99	3		6		
17.00 to 17.99	4		1		
18.00 to 18.99	5		10		
19.00 to 19.99	5				
20.00 to 20.99	8		1		
21.00 to 21.99	17				
22.00 to 22.99	19		1		
23.00 to 23.99	5				
24.00 to 24.99	26		1		
25.00 to 25.99	17				
26.00 to 26.99	13				
27.00 to 27.99	15				
28.00 to 28.99	3				
29.00 to 29.99	5				
30.00 to 34.99	10				
35.00 to 39.99	5				
40.00 to 44.99	1				
45.00 to 49.99					
50.00 and over					

Nationality of Employees 31st July, 1919.

Country of Origin.	Males.	Females.
Canada and Newfoundland	79	30
Great Britain and Ireland	70	15
United States of America	13	1
Australasia	1	
Belgium		1
France	5	
Italy	5	
Germany		
Austria	2	
Norway, Sweden, and Denmark	4	1
Russia or other Slav country	2	2
Other European country	1	
China	2	
Hindustan		
Japan	1	
All other countries	1	
Nationality not given		

Hours of Labour.

Number of men, on 31st July, 1919, working—

44 hours per week and under	4
Over 44 to 48 hours per week	129
Over 48 to 54 hours per week	53
Over 54 to 60 hours per week	...
Over 60 hours per week	...
Working hours not given	...

TABLE No. 33.

MANUFACTURE OF WOOD (N.E.S.).

Returns covering 38 Firms.

Total wages paid to wage-earners during twelve months ending 31st July, 1919, $620,783.41.

Average Number of Wage-earners.

During the Month of	Males.	Females.
August (1918)	634	11
September	629	11
October	602	11
November	618	11
December	597	11
January (1919)	658	10
February	612	7
March	621	7
April	603	7
May	674	7
June	660	6
July	783	6

Classified Weekly Wage-rates (Wage-earners only).

For Week of Employment of Greatest Number.	Males.		Females		Apprentices.
	18 Yrs. & over.	Under 18 Yrs.	18 Yrs. & over.	Under 18 Yrs.	
Under $6.00	1				
$ 6.00 to $ 6.99	2	1			
7.00 to 7.99	3	6			3
8.00 to 8.99	8	6			
9.00 to 9.99	4	3	1		
10.00 to 10.99	9	3		1	
11.00 to 11.99	6	10			
12.00 to 12.99	4	7		3	1
13.00 to 13.99	34	5	5		
14.00 to 14.99	15	3			
15.00 to 15.99	70	6			
16.00 to 16.99	88				
17.00 to 17.99	39	2	1		
18.00 to 18.99	47	4			1
19.00 to 19.99	47				
20.00 to 20.99	50				
21.00 to 21.99	24				
22.00 to 22.99	47				
23.00 to 23.99	18				
24.00 to 24.99	56				
25.00 to 25.99	29				
26.00 to 26.99	12				
27.00 to 27.99	59				
28.00 to 28.99	20				
29.00 to 29.99	17				
30.00 to 34.99	88				
35.00 to 39.99	16				
40.00 to 44.99	4				
45.00 to 49.99	4				
50.00 and over	1				

Nationality of Employees 31st July, 1919.

Country of Origin.	Males.	Females.
Canada and Newfoundland	321	4
Great Britain and Ireland	149	2
United States of America	22	
Australasia		
Belgium		
France	4	
Italy	5	
Germany	3	
Austria	7	
Norway, Sweden, and Denmark	19	
Russia or other Slav country	2	
Other European country	1	
China	113	
Hindustan	12	
Japan	52	
All other countries		
Nationality not given		

Hours of Labour.

Number of men, on 31st July, 1919, working—	
44 hours per week and under	24
Over 44 to 48 hours per week	33
Over 48 to 54 hours per week	609
Over 54 to 60 hours per week	44
Over 60 hours	
Working hours not given	

TABLE No. 34.

METAL-MINING.

Returns covering 85 Firms.

Total wages paid to wage-earners during twelve months ending 31st July, 1919, $4,551,569.26.

Average Number of Wage-earners.

During the Month of	Males.	Females.
August (1918)	3,398	26
September	3,392	26
October	3,431	25
November	3,405	24
December	3,693	27
January (1919)	3,496	23
February	3,272	22
March	3,117	19
April	3,096	19
May	2,964	22
June	3,065	23
July	3,364	24

Classified Weekly Wage-rates (Wage-earners only).

For Week of Employment of Greatest Number.	Males.		Females.		Apprentices.
	18 Yrs. & over.	Under 18 Yrs.	18 Yrs. & over.	Under 18 Yrs.	
Under $6 00					
$ 6.00 to $ 6.99					
7.00 to 7.99		3			
8.00 to 8.99					
9.00 to 9.99					
10.00 to 10.99					
11.00 to 11.99					
12.00 to 12.99	1	1			
13.00 to 13.99					
14.00 to 14.99		1			
15.00 to 15.99	3			1	
16.00 to 16.99	1			2	
17.00 to 17.99	8	5	1		
18.00 to 18.99	1	1	1		
19.00 to 19.99	12		2		
20.00 to 20.99			5		
21.00 to 21.99	28		5		
22.00 to 22.99	25	2	6		
23.00 to 23.99	26	1			
24.00 to 24.99	154				
25.00 to 25.99	48	1	3		
26.00 to 26.99	309	1			
27.00 to 27.99	218				
28.00 to 28.99	349				
29.00 to 29.99	230				
30.00 to 34.99	1,207				
35.00 to 39.99	1,436				
40.00 to 44.99	497				
45.00 to 49.99	92				
50.00 and over	53				

Nationality of Employees 31st July, 1919.

Country of Origin.	Males.	Females.
Canada and Newfoundland	995	10
Great Britain and Ireland	749	10
United States of America	262	5
Australasia	8	
Belgium	6	1
France	38	
Italy	344	
Germany	14	
Austria	127	
Norway, Sweden, and Denmark	366	
Russia or other Slav country	224	
Other European country	142	
China	79	
Hindustan		
Japan	109	1
All other countries	3	
Nationality not given		

Hours of Labour.

Number of men, on 31st July, 1919, working—	
48 hours per week	324
Over 48 to 54 hours per week	341
56 hours per week	2,766
Over 56 to 60 hours per week	29
Over 60 hours per week	
Working hours not given	6

TABLE NO. 35.

MISCELLANEOUS METAL TRADES.

Returns covering 9 Firms.

Total wages paid to wage-earners during twelve months ending 31st July, 1919, $63,456.95.

Average Number of Wage-earners.

During the Month of	Males.	Females.
August (1918)	67	
September	71	
October	68	
November	82	
December	93	
January (1919)	52	
February	46	
March	52	
April	39	
May	32	
June	32	
July	37	

Classified Weekly Wage-rates (Wage-earners only).

For Week of Employment of Greatest Number.	Males.		Females.		Apprentices.
	18 Yrs. & over.	Under 18 Yrs.	18 Yrs. & over.	Under 18 Yrs.	
Under $6.00	1				
$ 6.00 to $ 6.99					
7.00 to 7.99	1	2			
8.00 to 8.99		26			
9.00 to 9.99		32			
10.00 to 10.99		3			
11.00 to 11.99		7			
12.00 to 12.99		11			
13.00 to 13.99		3			
14.00 to 14.99		4			
15.00 to 15.99		1			
16.00 to 16.99	18				
17.00 to 17.99					
18.00 to 18.99	3				
19.00 to 19.99	11				
20.00 to 20.99	2				
21.00 to 21.99	1				
22.00 to 22.99	26				
23.00 to 23.99	1				
24.00 to 24.99	2				
25.00 to 25.99	1				
26.00 to 26.99					
27.00 to 27.99					
28.00 to 28.99	5				
29.00 to 29.99					
30.00 to 34.99	10				
35.00 to 39.99	6				
40.00 to 44.99	2				
45.00 to 49.99					
50.00 and over	3				

Nationality of Employees 31st July, 1919.

Country of Origin.	Males.	Females.
Canada and Newfoundland	17	
Great Britain and Ireland	11	
United States of America	5	
Australasia		
Belgium	1	
France		
Italy	5	
Germany		
Austria		
Norway, Sweden, and Denmark	1	
Russia or other Slav country		
Other European country		
China		
Hindustan		
Japan	2	
All other countries		
Nationality not given		

Hours of Labour.

Number of men, on 31st July, 1919, working—

44 hours per week and under	5
Over 44 to 48 hours per week	35
Over 48 to 54 hours per week	2
Over 54 to 60 hours per week	....
Over 60 hours per week	....
Working hours not given	....

TABLE NO. 36.

MISCELLANEOUS TRADES AND INDUSTRIES.

Returns covering 25 Firms.

Total wages paid to wage-earners during twelve months ending 31st July, 1919, $597,770.63.

Average Number of Wage-earners.

During the Month of	Males.	Females.
August (1918)	537	226
September	534	219
October	522	212
November	416	200
December	429	182
January (1919)	463	190
February	441	185
March	407	176
April	488	156
May	460	119
June	383	79
July	489	137

Classified Weekly Wage-rates (Wage-earners only).

For Week of Employment of Greatest Number.	Males.		Females.		Apprentices.
	18 Yrs. & over.	Under 18 Yrs.	18 Yrs. & over.	Under 18 Yrs.	
Under $6.00		1			
$ 6.00 to $ 6.99					3
7.00 to 7.99		1		8	
8.00 to 8.99		33	17	66	
9.00 to 9.99	2	41	46	30	
10.00 to 10.99	2	8	7	3	
11.00 to 11.99	1	8	13	4	
12.00 to 12.99	18	11	6	1	
13.00 to 13.99	1	4	4		
14.00 to 14.99	20	4	7	1	
15.00 to 15.99	1		1		
16.00 to 16.99	6		1	1	
17.00 to 17.99	74				
18.00 to 18.99	16				
19.00 to 19.99	25				
20.00 to 20.99	16				
21.00 to 21.99	16				
22.00 to 22.99	31				
23.00 to 23.99	6				
24.00 to 24.99	31				
25.00 to 25.99	22				
26.00 to 26.99	29				
27.00 to 27.99	43				
28.00 to 28.99	1				
29.00 to 29.99	12				
30.00 to 34.99	62				
35.00 to 39.99	22				
40.00 to 44.99	8				
45.00 to 49.99	9				
50.00 and over	18				

Nationality of Employees 31st July, 1919.

Country of Origin.	Males.	Females.
Canada and Newfoundland	263	72
Great Britain and Ireland	146	47
United States of America	20	3
Australasia		
Belgium		1
France		
Italy	1	4
Germany	3	
Austria		
Norway, Sweden, and Denmark	22	2
Russia or other Slav country		3
Other European country	3	3
China	19	
Hindustan	11	
Japan	10	
All other countries		
Nationality not given		

Hours of Labour.

Number of men, on 31st, July, 1919, working—

44 hours per week and under	70
Over 44 to 48 hours per week	232
Over 48 to 54 hours per week	175
Over 54 to 60 hours per week	21
Over 60 hours per week	....
Working hours not given	....

TABLE No. 37.

OIL-REFINING.

Returns covering 6 Firms.

Total wages paid to wage-earners during twelve months ending 31st July, 1919, $366,376.53.

Average Number of Wage-earners.

During the Month of	Males.	Females.
August (1918)	221	
September	233	
October	230	
November	233	
December	240	
January (1919)	238	
February	229	
March	242	
April	234	
May	236	
June	249	
July	254	

Classified Weekly Wage-rates (Wage-earners only).

For Week of Employment of Greatest Number.	Males.		Females.		Apprentices.
	18 Yrs. & over.	Under 18 Yrs.	18 Yrs. & over.	Under 18 Yrs.	
Under $6.00					
$ 6.00 to $ 6.99					
7.00 to 7.99	1				
8.00 to 8.99					
9.00 to 9.99					
10.00 to 10.99					
11.00 to 11.99	1				
12.00 to 12.99					
13.00 to 13.99					
14.00 to 14.99					
15.00 to 15.99					
16.00 to 16.99					
17.00 to 17.99	1	2			
18.00 to 18.99	2	1			
19.00 to 19.99	2				
20.00 to 20.99	2				
21.00 to 21.99	3	1			
22.00 to 22.99					
23.00 to 23.99	2	2			
24.00 to 24.99	2				
25.00 to 25.99	1				
26.00 to 26.99	1				
27.00 to 27.99	8				
28.00 to 28.99	1				
29.00 to 29.99	82				
30.00 to 34.99	63				
35.00 to 39.99	52				
40.00 to 44.99	16				
45.00 to 49.99	4				
50.00 and over	4				

Nationality of Employees 31st July, 1919.

Country of Origin.	Males.	Females.
Canada and Newfoundland	96	
Great Britain and Ireland	116	
United States of America	15	
Australasia	3	
Belgium	1	
France		
Italy	5	
Germany	1	
Austria	1	
Norway, Sweden, and Denmark	9	
Russia or other Slav country	2	
Other European country		
China	1	
Hindustan		
Japan		
All other countries		
Nationality not given		

Hours of Labour.

Number of men, on 31st July, 1919, working—

44 hours per week and under	
Over 44 to 48 hours per week	247
Over 48 to 54 hour per week	
Over 54 to 60 hours per week	3
Over 60 hours per week	
Working hours not given	

TABLE No. 38.

PACKING-HOUSES.

Returns covering 5 Firms.

Total wages paid to wage-earners during twelve months ending 31st July, 1919, $319,875.74.

Average Number of Wage-earners.

During the Month of	Males.	Females.
August (1918)	225	21
September	240	21
October	227	22
November	252	23
December	280	23
January (1919)	242	22
February	226	21
March	216	19
April	220	21
May	220	19
June	69	2
July	226	18

Classified Weekly Wage-rates (Wage-earners only).

For Week of Employment of Greatest Number.	Males.		Females.		Apprentices.
	18 Yrs. & over.	Under 18 Yrs.	18 Yrs. & over.	Under 18 Yrs.	
Under $6.00					
$ 6.00 to $ 6.99					
7.00 to 7.99					
8.00 to 8.99		1			
9.00 to 9.99					
10.00 to 10.99		2			
11.00 to 11.99					
12.00 to 12.99		2			
13.00 to 13.99	1	2			
14.00 to 14.99			20		
15.00 to 15.99	1	2			
16.00 to 16.99			2		
17.00 to 17.99					
18.00 to 18.99					
19.00 to 19.99					
20.00 to 20.99	5				
21.00 to 21.99	1				
22.00 to 22.99	19				
23.00 to 23.99	31				
24.00 to 24.99	30				
25.00 to 25.99	30				
26.00 to 26.99	18				
27.00 to 27.99	19				
28.00 to 28.99	5				
29.00 to 29.99	8				
30.00 to 34.99	30				
35.00 to 39.99	19				
40.00 to 44.99	2				
45.00 to 49.99					
50.00 and over					

Nationality of Employees 31st July, 1919.

Country of Origin.	Males.	Females.
Canada and Newfoundland	81	12
Great Britain and Ireland	115	6
United States of America	16	
Australasia		
Belgium	3	
France		
Italy	7	
Germany		
Austria		
Norway, Sweden, and Denmark	1	
Russia or other Slav country		
Other European country	2	
China		
Hindustan		
Japan	1	
All other countries		
Nationality not given		

Hours of Labour.

Number of men, on 31st July, 1919, working—

44 hours per week and under	
Over 44 to 48 hours per week	11
Over 48 to 54 hours per week	210
Over 54 to 60 hours per week	5
Over 60 hours per week	
Working hours not given	

TABLE No. 39.

PAINTING AND PAPER-HANGING.

Returns covering 26 Firms.

Total wages paid to wage-earners during twelve months ending 31st July, 1919, $103,436.32.

Average Number of Wage-earners.

During the Month of	Males.	Females.
August (1918)	69	
September	77	
October	64	
November	68	
December	53	
January (1919)	56	
February	62	
March	85	
April	106	
May	124	
June	113	
July	121	

Classified Weekly Wage-rates (Wage-earners only).

For Week of Employment of Greatest Number.	Males.		Females.		Apprentices.
	18 Yrs. & over.	Under 18 Yrs.	18 Yrs. & over.	Under 18 Yrs.	
Under $6.00					
$ 6.00 to $ 6.99					
7.00 to 7.99					
8.00 to 8.99					1
9.00 to 9.99					
10.00 to 10.99					1
11.00 to 11.99					
12.00 to 12.99	1				
13.00 to 13.99		1			
14.00 to 14.99					
15.00 to 15.99					
16.00 to 16.99	2				
17.00 to 17.99					
18.00 to 18.99					
19.00 to 19.99					
20.00 to 20.99	2				
21.00 to 21.99					
22.00 to 22.99	5				
23.00 to 23.99	4				
24.00 to 24.99	1				1
25.00 to 25.99	4				
26.00 to 26.99					
27.00 to 27.99	39				
28.00 to 28.99					
29.00 to 29.99	1				
30.00 to 34.99	70				
35.00 to 39.99	17				
40.00 to 44.99					
45.00 to 49.99					
50.00 and over					

Nationality of Employees 31st July, 1919.

Country of Origin.	Males.	Females.
Canada and Newfoundland	36	
Great Britain and Ireland	79	
United States of America	5	
Australasia		
Belgium		
France		
Italy		
Germany		
Austria		
Norway, Sweden, and Denmark	1	
Russia or other Slav country		
Other European country	2	
China		
Hindustan		
Japan		
All other countries		
Nationality not given		

Hours of Labour.

Number of men, on 31st July, 1919, working—	
44 hours per week and under	99
Over 44 to 48 hours per week	16
Over 48 to 54 hours per week	8
Over 54 to 60 hours per week	
Over 60 hours per week	
Working hours not given	

TABLE No. 40.

PAINT-MANUFACTURE.

Returns covering 7 Firms.

Total wages paid to wage-earners during twelve months ending 31st July, 1919, $78,231.59.

Average Number of Wage-earners.

During the Month of	Males.	Females.
August (1918)	75	10
September	70	10
October	73	10
November	69	9
December	69	10
January (1919)	72	10
February	68	12
March	69	12
April	64	10
May	71	10
June	69	10
July	72	10

Classified Weekly Wage-rates (Wage-earners only).

For Week of Employment of Greatest Number.	Males.		Females.		Apprentices.
	18 Yrs. & over.	Under 18 Yrs.	18 Yrs. & over.	Under 18 Yrs.	
Under $6.00					
$ 6.00 to $ 6.99	1				
7.00 to 7.99		2			
8.00 to 8.99		3			
9.00 to 9.99		4		2	
10.00 to 10.99		3	1		
11.00 to 11.99		2	4		
12.00 to 12.99		3	1		
13.00 to 13.99		2			
14.00 to 14.99		1			
15.00 to 15.99					
16.00 to 16.99	1				
17.00 to 17.99					
18.00 to 18.99	1		1		
19.00 to 19.99	2				
20.00 to 20.99	2				
21.00 to 21.99	3				
22.00 to 22.99	25				
23.00 to 23.99	11				
24.00 to 24.99	4				
25.00 to 25.99	1				
26.00 to 26.99	2				
27.00 to 27.99	7				
28.00 to 28.99	2				
29.00 to 29.99					
30.00 to 34.99	2				
35.00 to 39.99	1				
40.00 to 44.99	3				
45.00 to 49.99	1				
50.00 and over					

Nationality of Employees 31st July, 1919.

Country of Origin.	Males.	Females.
Canada and Newfoundland	24	8
Great Britain and Ireland	37	2
United States of America	4	
Australasia	2	
Belgium		
France		
Italy	2	
Germany		
Austria		
Norway, Sweden, and Denmark	1	
Russia or other Slav country	1	
Other European country		
China		
Hindustan		
Japan		
All other countries		
Nationality not given		

Hours of Labour.

Number of men, on 31st July, 1919, working—	
44 hours per week and under	51
Over 44 to 48 hours per week	19
Over 48 to 54 hours per week	1
Over 54 to 60 hours per week	
Over 60 hours per week	
Working hours not given	

TABLE No. 41.

PLANING-MILLS.

Returns covering 16 Firms.

Total wages paid to wage-earners during twelve months ending 31st July, 1919, $474,085.18.

Average Number of Wage-earners.

During the Month of	Males.	Females.
August (1918)	510	
September	502	
October	529	
November	501	
December	535	
January (1919)	492	
February	511	
March	515	
April	609	
May	628	
June	586	
July	655	

Classified Weekly Wage-rates (Wage-earners only).

For Week of Employment of Greatest Number.	Males.		Females.		Apprentices.
	18 Yrs. & over.	Under 18 Yrs.	18 Yrs. & over.	Under 18 Yrs.	
Under $6.00					
$ 6.00 to $ 6.99					
7.00 to 7.99					
8.00 to 8.99					
9.00 to 9.99					
10.00 to 10.99					
11.00 to 11.99					
12.00 to 12.99	3	1			
13.00 to 13.99	7				
14.00 to 14.99	55				
15.00 to 15.99	60	3			
16.00 to 16.99	60	3			
17.00 to 17.99	76				
18.00 to 18.99	40	1			
19.00 to 19.99	34				
20.00 to 20.99	44	1			
21.00 to 21.99	74				
22.00 to 22.99	53				
23.00 to 23.99	6				
24.00 to 24.99	71				
25.00 to 25.99	19				
26.00 to 26.99	4				
27.00 to 27.99	10				
28.00 to 28.99	1				
29.00 to 29.99	2				
30.00 to 34.99	27				
35.00 to 39.99	15				
40.00 to 44.99	2				
45.00 to 49.99	3				
50.00 and over	3				

Nationality of Employees 31st July, 1919.

Country of Origin.	Males.	Females.
Canada and Newfoundland	148	
Great Britain and Ireland	69	
United States of America	22	
Australasia		
Belgium	2	
France	2	
Italy	3	
Germany	2	
Austria	5	
Norway, Sweden, and Denmark	24	
Russia or other Slav country	8	
Other European country	6	
China	251	
Hindustan	28	
Japan	77	
All other countries		
Nationality not given		

Hours of Labour.

Number of men, on 31st July, 1919, working—

44 hours per week and under	
Over 44 to 48 hours per week	
Over 48 to 54 hours per week	466
Over 54 to 60 hours per week	181
Over 60 hours per week	
Working hours not given	

TABLE No. 42.

PLUMBING AND HEATING.

Returns covering 17 Firms.

Total wages paid to wage-earners during twelve months ending 31st July, 1919, $79,727.06.

Average Number of Wage-earners.

During the Month of	Males.	Females.
August (1918)	77	
September	76	
October	71	
November	66	
December	74	
January (1919)	69	
February	65	
March	59	
April	54	
May	53	
June	47	
July	53	

Classified Weekly Wage-rates (Wage-earners only).

For Week of Employment of Greatest Number.	Males.		Females.		Apprentices.
	18 Yrs. & over.	Under 18 Yrs.	18 Yrs. & over.	Under 18 Yrs.	
Under $6.00					
$ 6.00 to $ 6.99					1
7.00 to 7.99					
8.00 to 8.99	1	1			
9.00 to 9.99					
10.00 to 10.99	1	1			
11.00 to 11.99	2				1
12.00 to 12.99					
13.00 to 13.99					
14.00 to 14.99					
15.00 to 15.99	1				
16.00 to 16.99	2				
17.00 to 17.99	1				
18.00 to 18.99	1				
19.00 to 19.99					
20.00 to 20.99	6				
21.00 to 21.99	1				
22.00 to 22.99	11				
23.00 to 23.99					
24.00 to 24.99	6				
25.00 to 25.99	21	1			
26.00 to 26.99	5				
27.00 to 27.99	8				
28.00 to 28.99					
29.00 to 29.99	1				
30.00 to 34.99	30				
35.00 to 39.99	1				
40.00 to 44.99					
45.00 to 49.99					
50.00 and over					

Nationality of Employees 31st July, 1919.

Country of Origin.	Males.	Females.
Canada and Newfoundland	28	
Great Britain and Ireland	21	
United States of America	3	
Australasia		
Belgium		
France		
Italy		
Germany		
Austria		
Norway, Sweden, and Denmark		
Russia or other Slav country	1	
Other European country		
China		
Hindustan		
Japan		
All other countries		
Nationality not given		

Hours of Labour.

Number of men, on 31st July, 1919, working—

44 hours per week and under	31
Over 44 to 48 hours per week	18
Over 48 to 54 hours per week	4
Over 54 to 60 hours per week	
Over 60 hours per week	
Working hours not given	

TABLE No. 43.

PRINTING AND PUBLISHING.

Returns covering 51 Firms.

Total wages paid to wage-earners during twelve months ending 31st July, 1919, $608,308.19.

Average Number of Wage-earners.

During the Month of	Males.	Females.
August (1918)	410	90
September	415	86
October	413	82
November	421	82
December	424	90
January (1919)	425	83
February	444	80
March	449	78
April	444	75
May	445	79
June	450	80
July	465	82

Classified Weekly Wage-rates (Wage-earners only).

For Week of Employment of Greatest Number.	Males.		Females.		Apprentices.
	18 Yrs. & over.	Under 18 Yrs.	18 Yrs. & over.	Under 18 Yrs.	
Under $6.00	1	11	1	1	
$6.00 to $ 6.99	2	8	7	9	1
7.00 to 7.99		6	1	6	5
8.00 to 8.99	2	10	6	7	1
9.00 to 9.99	2	3	4	3	
10.00 to 10.99	2	4	14	5	2
11.00 to 11.99	3	4			
12.00 to 12.99	8	1	5	2	1
13.00 to 13.99	7		2		2
14.00 to 14.99	8		14	2	
15.00 to 15.99	5		3		1
16.00 to 16.99	6		5		
17.00 to 17.99	7	1	1		2
18.00 to 18.99	5		2		1
19.00 to 19.99	3		1		1
20.00 to 20.99	15				
21.00 to 21.99	5				
22.00 to 22.99	8				1
23.00 to 23.99	4				
24.00 to 24.99	9				1
25.00 to 25.99	12				
26.00 to 26.99	2				
27.00 to 27.99	1				
28.00 to 28.99	7				
29.00 to 29.99	4				
30.00 to 34.99	124		1		
35.00 to 39.99	87				
40.00 to 44.99	25				
45.00 to 49.99	3				
50.00 and over					

Nationality of Employees 31st July, 1919.

Country of Origin.	Males.	Females.
Canada and Newfoundland	214	46
Great Britain and Ireland	109	34
United States of America	28	3
Australasia	3	1
Belgium	2	
France	1	
Italy		
Germany		
Austria		
Norway, Sweden, and Denmark	2	
Russia or other Slav country		
Other European country		
China	4	
Hindustan		
Japan	10	3
All other countries		
Nationality not given	92	

Hours of Labour.

Number of men, on 31st July, 1919, working—

44 hours per week and under	127
Over 44 to 48 hours per week	327
Over 48 to 54 hours per week	11
Over 54 to 60 hours per week	
Over 60 hours per week	
Working hours not given	

TABLE No. 44.

PULP AND PAPER MANUFACTURING.

Returns covering 3 Firms.

Total wages paid to wage-earners during twelve months ending 31st July, 1919, $3,774,469.62.

Average Number of Wage-earners.

During the Month of	Males.	Females.
August (1918)	3,135	24
September	3,218	24
October	3,072	22
November	2,926	22
December	2,766	20
January (1919)	2,649	19
February	2,491	18
March	2,358	18
April	2,404	18
May	2,227	20
June	2,425	21
July	2,420	22

Classified Weekly Wage-rates (Wage-earners only).

For Week of Employment of Greatest Number.	Males.		Females.		Apprentices.
	18 Yrs. & over.	Under 18 Yrs.	18 Yrs. & over.	Under 18 Yrs.	
Under $6.00					
$ 6.00 to $ 6.99					
7.00 to 7.99					
8.00 to 8.99					
9.00 to 9.99					
10.00 to 10.99					
11.00 to 11.99			4		
12.00 to 12.99					
13.00 to 13.99					
14.00 to 14.99					
15.00 to 15.99			3		
16.00 to 16.99					
17.00 to 17.99		3			
18.00 to 18.99		8	8		
19.00 to 19.99	58				
20.00 to 20.99	52	5	5		
21.00 to 21.99	66				
22.00 to 22.99	33		2		
23.00 to 23.99	92				
24.00 to 24.99	144				
25.00 to 25.99	384		2		
26.00 to 26.99	216				
27.00 to 27.99	336				
28.00 to 28.99	168				
29.00 to 29.99	205				
30.00 to 34.99	484				
35.00 to 39.99	366				
40.00 to 44.99	217				
45.00 to 49.99	145				
50 and over	113				

Nationality of Employees 31st July, 1919.

Country of Origin.	Males.	Females.
Canada and Newfoundland	648	6
Great Britain and Ireland	501	8
United States of America	167	3
Australasia	3	
Belgium	7	
France	19	
Italy	179	
Germany	7	
Austria	34	
Norway, Sweden, and Denmark	84	1
Russia or other Slav country	93	
Other European country	16	
China	233	
Hindustan	17	
Japan	531	4
All other countries	2	
Nationality not given		

Hours of Labour.

Number of men, on 31st July, 1919, working—

44 hours per week and under	
48 hours per week	588
Over 48 to 54 hours per week	
60 hours per week	1,953
Over 60 hours per week	
Working hours not given	

TABLE NO. 45.

SALE AND DELIVERY OF FUEL.

Returns covering 33 Firms.

Total wages paid to wage-earners during twelve months ending 31st July, 1919, $424,483.59.

Average Number of Wage-earners.

During the Month of	Males.	Females.
August (1918)	345	
September	344	
October	364	
November	411	
December	413	
January (1919)	408	
February	386	
March	398	
April	359	
May	338	
June	256	
July	364	

Classified Weekly Wage-rates (Wage-earners only).

For Week of Employment of Greatest Number.	Males.		Females.		Apprentices.
	18 Yrs. & over.	Under 18 Yrs.	18 Yrs. & over.	Under 18 Yrs.	
Under $6.00					
$ 6.00 to $ 6.99					
7.00 to 7.99					
8.00 to 8.99					
9.00 to 9.99					
10.00 to 10.99		1			
11.00 to 11.99	1				
12.00 to 12.99	2				
13.00 to 13.99	2	1			
14.00 to 14.99					
15.00 to 15.99	3				
16.00 to 16.99	7				
17.00 to 17.99	12				
18.00 to 18.99	9				
19.00 to 19.99	8				
20.00 to 20.99	35	1			
21.00 to 21.99	70				
22.00 to 22.99	43				
23.00 to 23.99	16				
24.00 to 24.99	21				
25.00 to 25.99	24				
26.00 to 26.99	13				
27.00 to 27.99	92				
28.00 to 28.99	51				
29.00 to 29.99	6				
30.00 to 34.99	18				
35.00 to 39.99	6				
40.00 to 44.99	1				
45.00 to 49.99	1				
50.00 and over					

Nationality of Employees 31st July, 1919.

Country of Origin.	Males.	Females.
Canada and Newfoundland	104	
Great Britain and Ireland	105	
United States of America	17	
Australasia	1	
Belgium		
France	2	
Italy	8	
Germany	1	
Austria		
Norway, Sweden, and Denmark	8	
Russia or other Slav country	4	
Other European country		
China	83	
Hindustan	4	
Japan	4	
All other countries		
Nationality not given	19	

Hours of Labour.

Number of men, on 31st July, 1919, working—

44 hours per week and under	9
Over 44 to 48 hours per week	
Over 48 to 54 hours per week	296
Over 54 to 60 hours per week	55
Over 60 hours per week	
Working hours not given	

TABLE NO. 46.

SAW-MILLING.

Returns covering 81 Firms.

Total wages paid to wage-earners during twelve months ending 31st July, 1919, $4,800,098.17.

Average Number of Wage-earners.

During the Month of	Males.	Females.
August (1918)	4,719	5
September	4,902	6
October	4,759	5
November	4,714	5
December	4,414	5
January (1919)	4,443	4
February	4,691	3
March	4,678	4
April	5,050	5
May	5,358	6
June	4,996	6
July	5,828	7

Classified Weekly Wage-rates (Wage-earners only).

For Week of Employment of Greatest Number.	Males.		Females.		Apprentices.
	18 Yrs. & over.	Under 18 Yrs.	18 Yrs. & over.	Under 18 Yrs.	
Under $6.00					
$ 6.00 to $ 6.99		2			
7.00 to 7.99		1			
8.00 to 8.99					
9.00 to 9.99		5			
10.00 to 10.99	30	5			
11.00 to 11.99		11			
12.00 to 12.99	36	11			
13.00 to 13.99	144	3			
14.00 to 14.99	269	3			
15.00 to 15.99	358	3	1		
16.00 to 16.99	314		1		
17.00 to 17.99	345	4			
18.00 to 18.99	539	2	1		
19.00 to 19.99	322				
20.00 to 20.99	353		1		
21.00 to 21.99	621	1			
22.00 to 22.99	366		1		
23.00 to 23.99	219				
24.00 to 24.99	564				
25.00 to 25.99	246		1		
26.00 to 26.99	63				
27.00 to 27.99	246		1		
28.00 to 28.99	111				
29.00 to 29.99	114				
30.00 to 34.99	444				
35.00 to 39.99	252				
40.00 to 44.99	141				
45.00 to 49.99	84				
50 and over	93				

Nationality of Employees 31st July, 1919.

Country of Origin.	Males.	Females.
Canada and Newfoundland	1,561	5
Great Britain and Ireland	564	
United States of America	250	
Australasia	4	
Belgium	12	
France	12	
Italy	80	
Germany	16	
Austria	40	
Norway, Sweden, and Denmark	213	
Russia or other Slav country	159	
Other European country	17	
China	1,515	
Hindustan	476	
Japan	972	
All other comntries	50	
Nationality not given		

Hours of Labour.

Number of men, on 31st July, 1919, working—

Over 44 to 48 hours per week	99
Over 48 to 54 hours per week	4,060
Over 54 to 59 hours per week	27
60 hours per week	1,755
Over 60 hours per week	
Working hours not given	

TABLE NO. 47.

SHEET-METAL WORKS.

Returns covering 21 Firms.

Total wages paid to wage-earners during twelve months ending 31st July, 1919, $107,354.39.

Average Number of Wage-earners.

During the Month of	Males.	Females.
August (1918)	101	
September	108	
October	99	
November	115	
December	100	
January (1919)	93	
February	90	
March	89	
April	89	
May	90	
June	73	
July	95	

Classified Weekly Wage-rates (Wage-earners only).

For Week of Employment of Greatest Number.	Males.		Females.		Appren-tices.
	18 Yrs. & over.	Under 18 Yrs.	18 Yrs. & over.	Under 18 Yrs.	
Under $6.00	2	2			
$ 6.00 to $ 6.99		2			
7.00 to 7.99	1				3
8.00 to 8.99					
9.00 to 9.99	2	1			1
10.00 to 10.99					
11.00 to 11.99					2
12.00 to 12.99	1				
13.00 to 13.99					
14.00 to 14.99					1
15.00 to 15.99	3				
16.00 to 16.99	1				
17.00 to 17.99	1				1
18.00 to 18.99					
19.00 to 19.99	4				
20.00 to 20.99	1				
21.00 to 21.99					
22.00 to 22.99	12				
23.00 to 23.99	7				
24.00 to 24.99					
25.00 to 25.99	7				
26.00 to 26.99	4				
27.00 to 27.99	7				
28.00 to 28.99	2				
29.00 to 29.99					
30.00 to 34.99	12				
35.00 to 39.99	24				
40.00 to 44.99	1				
45.00 to 49.99	1				
50.00 and over					

Nationality of Employees 31st July, 1919.

Country of Origin.	Males.	Females.
Canada and Newfoundland	66	
Great Britain and Ireland	17	
United States of America	3	
Australasia		
Belgium		
France	1	
Italy		
Germany		
Austria		
Norway, Sweden, and Denmark		
Russia or other Slav country	1	
Other European country	1	
China	2	
Hindustan	1	
Japan	2	
All other countries		
Nationality not given		

Hours of Labour.

Number of men, on 31st July, 1919, working—

44 hours per week and under	69
Over 44 to 48 hours per week	4
Over 48 to 54 hours per week	21
Over 54 to 60 hours per week	
Over 60 hours per week	
Working hours not given	

TABLE NO. 48.

SHINGLE-MILLS.

Returns covering 33 Firms.

Total wages paid to wage-earners during twelve months ending 31st July, 1919, $1,324,798.79.

Average Number of Wage-earners.

During the Month of	Males.	Females.
August (1918)	1,122	3
September	1,139	3
October	1,071	4
November	1,099	4
December	1,096	3
January (1919)	1,082	4
February	1,126	5
March	1,062	4
April	1,300	4
May	1,416	5
June	1,468	5
July	1,462	5

Classified Weekly Wage-rates (Wage-earners only).

For Week of Employment of Greatest Number.	Males.		Females.		Appren-tices.
	18 Yrs. & over.	Under 18 Yrs.	18 Yrs. & over.	Under 18 Yrs.	
Under $6.00					
$ 6.00 to $ 6.99					
7.00 to 7.99					
8.00 to 8.99					
9.00 to 9.99	1				
10.00 to 10.99					
11.00 to 11.99					
12.00 to 12.99	1				
13.00 to 13.99		1			
14.00 to 14.99	2				
15.00 to 15.99	1				
16.00 to 16.99	22				
17.00 to 17.99	32	3	1		
18.00 to 18.99	149	1			
19.00 to 19.99	84	2			
20.00 to 20.99	73	1			
21.00 to 21.99	114				
22.00 to 22.99	81				
23.00 to 23.99	33				
24.00 to 24.99	185	2	2		
25.00 to 25.99	75				
26.00 to 26.99	36				
27.00 to 27.99	25		1		
28.00 to 28.99	89				
29.00 to 29.99	56				
30.00 to 34.99	177				
35.00 to 39.99	114				
40.00 to 44.99	59				
45.00 to 49.99	34				
50.00 and over	38				

Nationality of Employees 31st July, 1919.

Country of Origin.	Males.	Females.
Canada and Newfoundland	291	2
Great Britain and Ireland	132	2
United States of America	68	1
Australasia		
Belgium	1	
France		
Italy		
Germany	1	
Austria		
Norway, Sweden, and Denmark	19	
Russia or other Slav country	3	
Other European country		
China	801	
Hindustan		
Japan	115	
All other countries	9	
Nationality not given		

Hours of Labour.

Number of men, on 31st July, 1919, working—

Over 44 to 48 hours per week	11
Over 48 to 54 hours per week	689
Over 54 to 59 hours per week	14
60 hours per week	726
Over 60 hours per week	
Working hours not given	

TABLE NO. 49.

SHIP-BUILDING.

Returns covering 13 Firms.

Total wages paid to wage-earners during twelve months ending 31st July, 1919, $10,223,844.67.

Average Number of Wage-earners.

During the Month of	Males.	Females.
August (1918)	5,675	2
September	5,568	2
October	5,770	41
November	6,205	44
December	7,207	35
January (1919)	8,300	29
February	8,551	35
March	8,372	41
April	7,525	40
May	7,363	42
June	7,077	41
July	7,873	43

Classified Weekly Wage-rates (Wage-earners only).

For Week of Employment of Greatest Number.	Males.		Females.		Apprentices.
	18 Yrs. & over.	Under 18 Yrs.	18 Yrs. & over.	Under 18 Yrs.	
Under $6.00					
$ 6.00 to $ 6.99					
7.00 to 7.99	1	1			
8.00 to 8.99					
9.00 to 9.99	1				
10.00 to 10.99	1		2		
11.00 to 11.99	1				20
12.00 to 12.99					1
13.00 to 13.99	3	5	5		32
14.00 to 14.99	7	4			1
15.00 to 15.99	2		2		
16.00 to 16.99	14	23	3		16
17.00 to 17.99	14		10		
18.00 to 18.99	33	22	6		
19.00 to 19.99	37		4		
20.00 to 20.99	48		2		
21.00 to 21.99	52				
22.00 to 22.99	909				1
23.00 to 23.99	1,553		3		
24.00 to 24.99	361				11
25.00 to 25.99	261		4		
26.00 to 26.99	387				
27.00 to 27.99	312				
28.00 to 28.99	198				
29.00 to 29.99	1,106				
30.00 to 34.99	1,306		1		
35.00 to 39.99	3,058				
40.00 to 44.99	609				
45.00 to 49.99	168				
50 and over	127				

Nationality of Employees 31st July, 1919.

Country of Origin.	Males.	Females.
Canada and Newfoundland	3,509	27
Great Britain and Ireland	3,903	13
United States of America	268	2
Australasia	10	
Belgium	7	
France	42	
Italy	151	
Germany		
Austria		
Norway, Sweden, and Denmark	147	
Russia or other Slav country	62	
Other European country	9	
China	1	
Hindustan		
Japan		
All other countries	16	
Nationality not given	21	

Hours of Labour.

Number of men, on 31st July, 1919, working—

44 hours per week and under	8,135
Over 44 to 48 hours per week	11
Over 48 to 54 hours per week	
Over 54 to 60 hours per week	
Over 60 hours per week	
Working hours not given	

TABLE NO. 50.

SMELTING.

Returns covering 5 Firms.

Total wages paid to wage-earners during twelve months ending 31st July, 1919, $2,920,040.48.

Average Number of Wage-earners.

During the Month of	Males.	Females.
August (1918)	1,815	
September	1,856	
October	1,887	
November	1,802	
December	2,061	
January (1919)	2,057	
February	1,794	
March	1,242	
April	1,452	
May	1,612	
June	1,686	
July	1,725	

Classified Weekly Wage-rates (Wage-earners only).

For Week of Employment of Greatest Number.	Males.		Females.		Apprentices.
	18 Yrs. & over.	Under 18 Yrs.	18 Yrs. & over.	Under 18 Yrs.	
Under $6.00					
$ 6.00 to $ 6.99					
7.00 to 7.99		1			
8.00 to 8.99					
9.00 to 9.99					
10.00 to 10.99					
11.00 to 11.99					
12.00 to 12.99					
13.00 to 13.99		1			
14.00 to 14.99		2			
15.00 to 15.99					
16.00 to 16.99		4			5
17.00 to 17.99		1			
18.00 to 18.99					
19.00 to 19.99		1			3
20.00 to 20.99	1				
21.00 to 21.99	1				2
22.00 to 22.99	1				
23.00 to 23.99					1
24.00 to 24.99	205				1
25.00 to 25.99					
26.00 to 26.99	257				
27.00 to 27.99	4				
28.00 to 28.99	173				1
29.00 to 29.99	52				
30.00 to 34.99	332				
35.00 to 39.99	678				
40.00 to 44.99	218				
45.00 to 49.99	59				
50.00 and over	22				

Nationality of Employees 31st July, 1919.

Country of Origin.	Males.	Females.
Canada and Newfoundland	500	
Great Britain and Ireland	594	
United States of America	118	
Australasia	4	
Belgium		
France	5	
Italy	287	
Germany	4	
Austria	82	
Norway, Sweden, and Denmark	74	
Russia or other Slav country	119	
Other European country	39	
China		
Hindustan		
Japan		
All other countries		
Nationality not given		

Hours of Labour.

Number of men, on 31st July, 1919, working—

Over 44 to 48 hours per week	
Over 48 to 54 hours per week	4
56 hours per week	1,822
60 hours per week	
Over 60 hours per week	
Working hours not given	

PROVINCIAL EMPLOYMENT SERVICE.

The institution of Free Employment Bureaus, begun by the Provincial Government with the opening in June, 1918, of the first of these offices at 140 Cordova Street West, Vancouver, was enlarged in September of that year, when, under arrangement with the Dominion Department of Labour, the system was co-ordinated with those of the other Provinces throughout the Dominion. At the beginning of 1919, however, the Vancouver office was the only one established in British Columbia. Early in the year the activities of the Department were greatly extended, and as soon as the work of the preliminary organization was completed a second office was opened in Vancouver, and an additional one for women. Two offices were also opened in Victoria, one for men and one for women. During the months of February, March, and April, offices were established in New Westminster, Prince Rupert, Nanaimo, Kamloops, Vernon, Nelson, Cranbrook, and Fernie. A sub-office, open during certain hours, was also started at Kelowna. There is thus in existence to-day a chain of offices linking up the work in the principal towns throughout the Province, and in touch with every locality whose industrial needs require the co-operation of the Department, or where a surplus of labour may be likely to exist at any period of the year. It is anticipated that, as the needs of the Province increase, additional offices and sub-offices will be brought into existence.

It will be understood that the returns accompanying this report represent only a portion of a year's work in nearly all the Bureaus, as with one exception the latter have been operating for periods of from eight to eleven months. Moreover, after a Bureau is established a certain period must elapse before it can attain its full measure of usefulness, as there are many employers and employees who do not readily adopt the means which a new department offers of meeting their needs. Some time must elapse also before the effect upon the Department can be fully appreciated of the closing of the private Employment Bureaus in the Province. This step was taken under the "Employment Agencies Act Repeal Act," which by Proclamation came into force on November 1st, 1919. During the first months of the past year these agencies were more extensively employed than the Bureaus established by the Government, and the fact of their being now abolished has already led in the last few months to a large increase in the work of the Department—a state of things likely to be accentuated in the coming spring and summer.

Under the agreement between the Dominion Department of Labour and the various Provincial Governments, it was provided that a uniform system of records should be adopted and the services of all the Provinces co-ordinated. Clearing-houses were established for the inter-exchange of labour and for the control of transfers between Provinces, and arrangements were made with the railway companies in Canada for transportation at the rate of 1 cent per mile for such transfers as were deemed necessary to satisfy the requirements of industry.

WIDESPREAD UNEMPLOYMENT.

The service was called upon to take care of the conditions of general unemployment consequent upon the cessation of hostilities and the industrial upheaval that followed. This entailed the necessity for looking after the munition-workers and workers in other pursuits who became unemployed as a result of the cessation of the war. Added to these were the enormous numbers of men demobilized from the army. Another factor that increased the responsibilities of this Province in this respect was the policy of the Dominion Government in permitting demobilization of service-men to any point in Canada. It has been stated with some authority that 17,000 returned soldiers were demobilized in British Columbia more than enlisted in the Province. A still further increase in the number of unemployed was due to the natural climatic attractiveness of this Province in the winter, drawing great numbers of the unemployed from the Prairie Provinces. Many of these men drifted into employment in the woods and mines of the Interior without the assistance of this service, particularly at points where labour trouble existed; but hundreds found their way to Vancouver. During a period when this influx was at its height a record was kept in the Powell Street office, showing 30 per cent. of the applicants for employment as belonging to other Provinces. It is gratifying, however, notwithstanding these conditions, that this service was able to place over 35,000 men in positions, and that at the end of the year only 1,600 applicants are shown on the files as still unplaced.

INDUSTRIES SERVED.

The industries in the Province which showed the greatest activity as far as employment is concerned were lumbering, railroad-construction, and farming. Large numbers of men were supplied for building and construction, steel-manufacture, and ship-building. Clerical and mercantile occupations absorbed quite a number, and mining, shipping, and longshore-work and general labour supplied employment for a large percentage of those placed.

Fruit-picking.—During the summer this service gave every assistance to the fruit-growers in taking off their crops, supplying pickers for the early berry fruits and providing continuous employment by transferring pickers to other districts to care for the large and stone fruits, and later on for the cannery-work. Nine hundred and twenty persons, mostly women, were supplied to the fruit-growers throughout the Province in connection with this work, the figures being 390 from Victoria, 523 from Vancouver, and 7 from New Westminster.

Farming.—A heavy call was made upon the service in the autumn to assist in taking off the grain-crop of the Prairie Provinces, and large numbers of men were transferred for that purpose.

Railway-construction.—The railroad-construction on the Pacific Great Eastern Railway, Canadian National Railway, and the Kamloops-Kelowna branch also absorbed throughout the season a large number of men; 3,818 men were sent to work on these lines under construction.

Mining.—In mining the demand was limited throughout the summer owing to labour troubles in some districts, but increased towards the end of the year, the total number of men placed in this industry being 1,261.

Lumber and Pulp.—There was a good demand throughout the year in this industry, 4,350 men being placed. The demand was constant, particularly in the Interior in general lumber-work, tie-cutting, etc., while the pulp-mills on the Coast absorbed many workers.

Ship-building.—The demand for shipyard-workers fell off owing to the closing of several yards on completion of their contracts, but with these still in operation there has been a regular call on this service for labour. Throughout the year 1,821 men have been placed through the Bureaus.

Mercantile.—In clerical and mercantile lines the numbers placed were not so large, owing principally to the fact that this work is carried on mostly in the cities and towns, and positions are filled in a great measure by personal application. Nevertheless, 981 men were placed.

General Labour.—More placements in this class of labour were effected than in any other, the number being 12,350.

TRANSPORTATION.

The railway companies entered into arrangements to afford special rates for the transportation of labour to satisfy these requirements of industry and to assist in caring for the large numbers of unemployed throughout the country. The rate given was: Up to 100 miles, normal rates; from 100 to 400 miles, a flat rate of $4; above 400 miles, a straight rate of 1 cent a mile. This transportation privilege was undoubtedly of great benefit to this service in assisting in the distribution of the surplus labour which existed, particularly in the centres of population, and still greater assistance would result if the application of the rate to Coast steamer services could be arranged, and if a slightly better rate could be provided for the shorter journeys.

RECORDS.

During the early period of the year, when most of the Employment Bureaus were first opened, it was difficult to obtain a perfect record of industrial grouping of both applications and placements. In the period of organization the classification of industries under these groups was frequently revised. Hence difficulties arose in the matter of early records. The records of placements as shown in the totals are correct, and those under the various groups are substantially so; but it has been deemed advisable to make this report in totals for the period up to the end of June. From the first of July to the end of the year the records are shown for each week.

WHAT THE BUREAUS HAVE ACCOMPLISHED.

A tabulated statement of the work of the Bureaus is shown on the pages following. The number of applicants for work, employers' orders, and placements made are shown week by week for the different Bureaus in Tables Nos. 1 to 14, and the totals are given in Table No. 15. In

Tables Nos. 16 to 37 details are given for the separate groups of industries, and Table No. 38 gives a summary of the group totals. Table No. 39 gives the number of placements for fruit-picking and cannery-work.

As showing the extent to which the Employment Agency work of the Province is centralized in Vancouver, it is interesting to note that the three offices in that city dealt with more than two-thirds of the entire number of cases negotiated. Of the 27,629 civilian applicants in the Province, 17,894 registered at the Vancouver Bureaus, and the other figures are as follows: Returned soldier applicants: Total for Province, 27,252; total for Vancouver, 19,458. Employers' orders: Total for Province, 42,747; total for Vancouver, 27,271. Civilian placements: Total for Province, 18,644; total for Vancouver, 12,737. Returned soldier placements: Total for Province, 17,132; total for Vancouver, 11,948.

Tables Nos. 1 to 14 show the number of civilians and returned soldiers applying for work, the number of employers' orders, and the number of applicants placed in positions by each office weekly from July 1st to the end of 1919. For the period of organization to the end of June, only totals are given.

TABLE NO. 1.—VANCOUVER, DUNSMUIR STREET OFFICE (FOR MALE HELP).

	Civilian Applicants.	Returned Soldier Applicants.	Employers' Orders.	Civilian Placements.	Returned Soldier Placements.
Feb. to June 28	2,222	4,077	3,430	880	1,649
Week ending July 5	50	218	117	18	91
" " 12	84	308	208	30	171
" " 19	61	240	138	24	115
" " 26	59	378	218	27	188
" Aug. 2	55	277	188	19	156
" " 9	49	331	191	18	171
" " 16	134	270	145	84	184
" " 23	117	380	246	68	198
" " 30	83	341	242	34	207
" Sept. 6	88	230	172	47	123
" " 13	75	289	195	24	162
" " 20	90	296	288	54	239
" " 27	88	217	180	43	132
" Oct. 4	90	255	297	44	253
" " 11	65	386	211	36	183
" " 18	59	246	131	34	97
" " 25	40	240	111	21	90
" Nov. 1	76	196	120	23	97
" " 8	60	228	99	31	58
" " 15	59	249	159	26	133
" " 22	19	340	158	34	124
" " 29	120	263	204	33	171
" Dec. 6	97	332	237	35	202
" " 13	75	278	154	19	135
" " 20	115	336	273	15	254
" " 27	22	97	65	18	47
" Jan. 3	39	349	119	37	82
Totals	4,191	11,647	8,296	1,776	5,712

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TABLE NO. 2.—VANCOUVER, POWELL STREET BRANCH (FOR MALE HELP).

	Civilian Applicants.	Returned Soldier Applicants.	Employers' Orders.	Civilian Placements.	Returned Soldier Placements.
Feb. to June 28	3,397	3,050	4,696	2,214	2,230
Week ending July 5	370	...	347	211	124
" " 12	414	231	631	407	190
" " 19	213	180	434	198	151
" " 26	244	167	435	177	171
" Aug. 2	240	132	320	193	136
" " 9	308	198	482	332	155
" " 16	411	123	812	281	199
" " 23	233	324	450	267	226
" " 30	228	211	409	225	175
" Sept. 6	196	196	424	227	120
" " 13	314	218	470	336	165
" " 20	328	269	531	334	208
" " 27	299	123	540	275	116
" Oct. 4	319	172	432	291	154
" " 11	326	162	816	274	158
" " 18	280	179	454	249	180
" " 25	269	149	296	248	133
" Nov. 1	214	130	394	207	116
" " 8	383	175	485	351	141
" " 15	402	151	424	345	89
" " 22	364	193	522	298	149
" " 29	347	208	447	286	122
" Dec. 6	386	203	597	351	119
" " 13	286	215	451	280	130
" " 20	307	214	379	260	161
" " 27	177	135	351	162	115
" Jan. 3	274	103	308	221	103
Totals	11,529	7,811	17,337	9,500	6,236

TABLE NO. 3.—VANCOUVER, HOMER STREET OFFICE (FOR FEMALE HELP).

	Applicants.	Employers' Orders.	Placements.
Feb. to June 28*	..	..	..
Week ending July 5	51	52	50
" " 12	41	41	36
" " 19	43	42	38
" " 26	64	46	44
" Aug. 2	36	19	17
" " 9	100	98	93
" " 16	123	115	109
" " 23	161	153	148
" " 30	91	82	75
" Sept. 6	58	52	43
" " 13	46	41	29
" " 20	62	54	46
" " 27	49	44	33
" Oct. 4	53	33	25
" " 11	64	27	26
" " 18	48	27	21
" " 25	53	26	24
" Nov. 1	45	32	24
" " 8	90	43	46
" " 15	102	52	44
" " 22	126	71	61
" " 29	127	84	74
" Dec. 6	115	82	71
" " 13	117	73	61
" " 20	72	87	77
" " 27	106	75	68
" Jan. 3	131	87	78
Totals	2,174	1,638	1,461

*Included in Vancouver (Homer Street Office) totals.

TABLE NO. 4.—VICTORIA, LANGLEY STREET OFFICE (FOR MALE HELP).

	Civilian Applicants.	Returned Soldier Applicants.	Employers' Orders.	Civilian Placements.	Returned Soldier Placements.
Feb. to June 28	390	1,234	1,766	295	597
Week ending July 5	9	49	27	1	26
" " 12	35	69	70	6	64
" " 19	11	47	45	7	38
" " 26	11	98	84	6	73
" Aug. 2	22	66	62	6	53
" " 9	18	65	64	8	55
" " 16	21	94	106	13	73
" " 23	13	92	103	13	70
" " 30	20	72	78	17	51
" Sept. 6	24	68	74	16	49
" " 13	24	98	93	15	66
" " 20	74	92	142	66	64
" " 27	68	73	77	48	34
" Oct. 4	39	31	90	14	33
" " 11	38	77	47	21	35
" " 18	45	102	59	13	43
" " 25	92	62	115	68	25
" Nov. 1	42	49	47	33	29
" " 8	87	33	77	65	6
" " 15	74	49	82	58	26
" " 22	115	54	101	89	12
" " 29	117	54	98	70	26
" Dec. 6	103	64	81	57	23
" " 13	71	36	67	49	19
" " 20	101	33	86	65	21
" " 27	81	44	77	65	14
" Jan. 3	151	56	90	45	21
Totals	1,896	3,011	3,908	1,239	1,646

TABLE NO. 5.—VICTORIA, BROUGHTON STREET OFFICE (FOR FEMALE HELP).

	Applicants.	Employers' Orders.	Placements.
Feb. to June 28	..	..	..
Week ending July 5	22	42	31
" " 12	79	28	17
" " 19	7	73	37
" " 26	29	36	27
" Aug. 2	21	36	15
" " 9	19	43	20
" " 16	15	15	20
" " 23	19	33	15
" " 30	17	32	20
" Sept. 6	23	31	16
" " 13	22	33	15
" " 20	24	24	19
" " 27	22	18	17
" Oct. 4	17	27	11
" " 11	12	12	7
" " 18	22	31	12
" " 25	27	42	18
" Nov. 1	19	31	16
" " 8	24	15	13
" " 15	35	31	23
" " 22	35	48	23
" " 29	41	56	28
" Dec. 6	49	47	34
" " 13	29	33	26
" " 20	49	65	45
" " 27	13	24	10
" Jan. 3	38	51	23
Totals	729	957	558

* Included in Victoria (men) totals.

TABLE NO. 6.—NEW WESTMINSTER.

	Civilian Applicants.	Returned Soldier Applicants.	Employers' Orders.	Civilian Placements.	Returned Soldier Placements.
Feb. to June 28	112	278	240	30	177
Week ending July 5	12	20	22	3	19
" " 12	11	38	26	3	23
" " 19	9	33	33	8	25
" " 26	5	27	17	14	3
" Aug. 2	13	23	37	12	25
" " 9	8	55	54	4	50
" " 16	15	51	60	12	48
" " 23	4	47	31	2	29
" " 30	21	40	59	18	41
" Sept. 6	3	29	35	2	33
" " 13	14	44	38	10	28
" " 20	13	39	43	13	32
" " 27	6	76	71	2	69
" Oct. 4	7	58	54	4	50
" " 11	8	70	58	3	55
" " 18	12	46	42	8	34
" " 25	25	52	51	20	31
" Nov. 1	11	35	28	2	30
" " 8	12	31	23	1	14
" " 15	11	30	25	3	11
" " 22	20	47	25	10	25
" " 29	28	32	39	17	22
" Dec. 6	12	26	21	7	14
" " 13	6	19	17	5	12
" " 20	13	39	29	6	22
" " 27	9	26	22	4	17
" Jan. 3	5	69	27	4	17
Totals	425	1,380	1,227	227	956

TABLE NO. 7.—PRINCE RUPERT.

	Civilian Applicants.	Returned Soldier Applicants.	Employers' Orders.	Civilian Placements.	Returned Soldier Placements.
Feb. to June 28	417	241	417	376	146
Week ending July 5	69	..	72	47	..
" " 12	68	..	128	79	..
" " 19	57	..	97	69	..
" " 26	44	..	23	23	..
" Aug. 2	60	..	51	30	..
" " 9	44	..	40	29	..
" " 16	47	..	44	23	..
" " 23	35	13	77	36	14
" " 30	35	24	109	43	23
" Sept. 6	28	11	43	23	9
" " 13	69	11	85	60	9
" " 20	26	13	54	21	10
" " 27	42	14	96	37	12
" Oct. 4	29	23	62	24	14
" " 11	22	13	52	15	9
" " 18	20	17	28	17	16
" " 25	35	24	67	22	20
" Nov. 1	22	21	15	14	15
" " 8	16	20	14	12	5
" " 15	16	24	32	3	19
" " 22	26	22	30	15	20
" " 29	27	20	41	14	23
" Dec. 6	20	10	12	6	9
" " 13	19	11	22	9	8
" " 20	15	14	19	8	11
" " 27	21	5	33	6	4
" Jan. 3	18	6	18	18	6
Totals	1,347	557	1,781	1,079	402

Table No. 8.—Nanaimo.

	Civilian Applicants.	Returned Soldier Applicants.	Employers' Orders.	Civilian Placements.	Returned Soldier Placements.
Feb. to June 28	17	139	..	7	75
Week ending July 5	2	21	16	1	15
" " 12	..	11	6	..	6
" " 19	4	27	19	..	19
" " 26	1	21	16	..	16
" Aug. 2	1	15	5	..	5
" " 9	2	14	14	..	14
" " 16	..	10	8	..	8
" " 23	1	10	15	..	10
" " 30	2	19	8	1	8
" Sept. 6	2	19	9	1	8
" " 13	2	20	17	1	16
" " 20	2	31	30	1	28
" " 27	5	11	13	3	11
" Oct. 4	6	20	10	..	10
" " 11	1	26	18	..	14
" " 18	3	7	13	3	10
" " 25	2	13	9	..	9
" Nov. 1	..	11	10	..	9
" " 8	..	16	9	..	8
" " 15	4	14	5	1	5
" " 22	3	19	12	1	11
" " 29	2	7	52	..	8
" Dec. 6	2	11	5	1	3
" " 13	2	12	10	3	7
" " 20	1	13	13	..	9
" " 27	2	3	1	..	1
" Jan. 3	3	8	3	..	2
Totals	72	548	346	24	345

Table No. 9.—Kamloops.

	Civilian Applicants.	Returned Soldier Applicants.	Employers' Orders.	Civilian Placements.	Returned Soldier Placements.
Feb. to June 28	117	106	189	123	74
Week ending July 5	59	31	55	29	19
" " 12	52	29	105	33	24
" " 19	71	38	176	47	32
" " 26	59	31	84	48	31
" Aug. 2	81	33	90	45	22
" " 9	35	36	465	27	32
" " 16	54	31	498	48	28
" " 23	29	29	60	22	26
" " 30	25	22	244	17	19
" Sept. 6	35	17	30	20	9
" " 13	32	18	44	26	17
" " 20	22	31	15	19	29
" " 27	25	56	82	20	46
" Oct. 4	28	25	27	15	21
" " 11	24	20	44	18	19
" " 18	38	24	99	39	23
" " 25	31	29	42	22	25
" Nov. 1	48	23	67	42	20
" " 8	81	33	27	50	30
" " 15	237	30	273	207	25
" " 22	62	38	215	54	25
" " 29	31	26	42	29	25
" Dec. 6	41	25	33	23	20
" " 13	24	26	75	14	20
" " 20	51	24	49	31	19
" " 27	6	26	28	3	21
" Jan. 3	22	24	13	13	22
Totals	1,420	881	3,171	1,084	723

TABLE NO. 10.—VERNON.

	Civilian Applicants.	Returned Soldier Applicants.	Employers' Orders.	Civilian Placements.	Returned Soldier Placements.
Feb. to June 28	36	46	37	11	26
Week ending July 5	11	11	5	1	4
" " 12	10	11	37	7	9
" " 19	22	16	43	23	20
" " 26	13	15	60	13	11
" Aug. 2	15	11	9	19	12
" " 9	9	17	25	8	12
" " 16	10	12	49	12	16
" " 23	9	5	..	9	5
" " 30	17	16	29	17	16
" Sept. 6	8	10	20	8	10
" " 13	13	14	21	13	14
" " 20	15	20	52	15	20
" " 27	5	9	18	5	9
" Oct. 4	22	13	30	22	13
" " 11	13	19	46	13	19
" " 18	8	5	12	8	5
" " 25	..	13	13	..	13
" Nov. 1	9	8	15	9	8
" " 8	25	13	33	25	13
" " 15	22	8	17	14	6
" " 22	20	19	25	11	10
" " 29	19	20	11	4	9
" Dec. 6	42	18	57	32	11
" " 13	30	18	108	16	10
" " 20	17	20	22	14	9
" " 27	8	19	25	..	9
" Jan. 3	14	11	13	7	4
Totals	442	417	832	336	323

TABLE NO. 11.—NELSON.

	Civilian Applicants.	Returned Soldier Applicants.	Employers' Orders.	Civilian Placements.	Returned Soldier Placements.
Feb. to June 28	22	39	95	16	21
Week ending July 5	7	8	29	7	13
" " 12	16	11	18	12	6
" " 19	14	12	16	14	3
" " 26	12	11	26	8	3
" Aug. 2	10	1	1	8	1
" " 9	32	11	44	21	9
" " 16	59	14	67	55	5
" " 23	10	5	54	5	2
" " 30	7	6	54	3	5
" Sept. 6	6	4	10	2	3
" " 13	5	4	26	5	4
" " 20	16	4	39	12	5
" " 27	5	7	37	4	1
" Oct. 4	9	3	25	9	3
" " 11	5	10	29	4	7
" " 18	10	14	7	8	12
" " 25	18	7	15	11	5
" Nov. 1	12	1	26	5	..
" " 8	21	17	37	18	22
" " 15	42	16	41	39	11
" " 22	19	6	31	21	3
" " 29	35	7	42	33	5
" Dec. 6	27	3	17	16	2
" " 13	26	9	59	28	6
" " 20	29	6	37	31	8
" " 27	26	13	30	20	10
" Jan. 3	12	6	12	11	4
Totals	512	255	924	426	179

TABLE No. 12.—CRANBROOK.

	Civilian Applicants.	Returned Soldier Applicants.	Employers' Orders.	Civilian Placements.	Returned Soldier Placements.
Feb. to June 28	107	26	191	100	20
Week ending July 5	4	..	28	3	..
" " 12	14	5	31	13	5
" " 19	11	7	36	12	3
" " 26	15	6	51	15	6
" Aug. 2	7	11	61	4	8
" " 9	19	10	24	17	9
" " 16	43	6	75	43	7
" " 23	19	3	47	19	3
" " 30	9	7	39	10	7
" Sept. 6	11	10	46	8	8
" " 13	18	10	32	17	7
" " 20	35	12	7	21	10
" " 27	10	5	24	9	5
" Oct. 4	8	3	31	8	3
" " 11	23	7	11	17	4
" " 18	19	4	34	4	6
" " 25	28	9	10	14	5
" Nov. 1	20	19	18	19	4
" " 8	24	7	36	33	..
" " 15	46	13	77	23	10
" " 22	33	15	26	15	8
" " 29	29	15	55	21	8
" Dec. 6	60	16	100	45	8
" " 13	13	14	41	29	8
" " 20	40	18	39	33	9
" " 27	26	15	28	12	8
" Jan. 3	31	14	31	21	9
Totals	722	287	1,242	585	188

TABLE No. 13.—FERNIE.

	Civilian Applicants.	Returned Soldier Applicants.	Employers' Orders.	Civilian Placements.	Returned Soldier Placements.
Feb. to June 38	9	48	35	6	29
Week ending July 5	4	2	5	3	..
" " 12	8	9	13	6	7
" " 19	5	4	4	2	2
" " 26	50	15	49	46	3
" Aug. 2	4	9	19	3	16
" " 9	16	6	16	10	6
" " 16	8	19	20	6	14
" " 23	4	15	30	11	19
" " 30	..	15	22	6	16
" Sept. 6	1	23	39	1	22
" " 13	4	9	26	5	10
" " 20	14	16	54	14	16
" " 27	..	14	55	..	14
" Oct. 4	5	5	18	5	5
" " 11	3	9	53	3	9
" " 18	8	9	90	4	8
" " 25	9	3	161	13	3
" Nov. 1	17	14	4	17	13
" " 8	24	14	3	24	12
" " 15	22	..	1	22	..
" " 22	1	16	7	1	16
" " 29	6	12	16	6	11
" Dec. 6	8	11	30	11	8
" " 13	7	10	36	8	9
" " 20	10	8	45	9	9
" " 27	9	6	3	6	9
" Jan. 3	8	6	5	8	6
Totals	264	327	859	256	292

TABLE No. 14.—KELOWNA.

	Civilian Applicants.	Returned Soldier Applicants.	Employers' Orders.	Civilian Placements.	Returned Soldier Placements.
Week ending Aug. 16	25	..	16	16	..
" " 23	11	..	13	13	..
" " 30	10	..	7	7	..
" Sept. 6	4	..	3	3	..
" " 13	11	1	13	12	1
" " 20	6	3	5	5	..
" " 27	2	..	6	3	3
" Oct. 4	4	..	4	4	..
" " 11	3	..	2	2	..
" " 18	..	2	3	1	2
" " 25	..	3	2	..	2
" Nov. 1	2	2	3	1	2
" " 8	3	..	2	2	..
" " 15	6	..	6	6	..
" " 22	3	..	3	3	..
" " 29	4	1	4	3	1
" Dec. 6	1	5	4	1	3
" " 13	3	..	3	3	..
" " 20	..	7	9	..	9
" " 27	..	1	1	..	1
" Jan. 3	4	8	12	4	8
Totals	102	33	121	89	32

Table No. 15 shows the total of civilian and returned soldier applicants, total employers' orders, and total returned soldier and civilian placements for the year 1919.

TABLE No. 15.—SUMMARY TOTALS.

	Civilian Applicants.	Returned Soldier Applicants.	Employers' Orders.	Civilian Placements.	Returned Soldier Placements.
Vancouver, Dunsmuir Street	4,191	11,647	8,296	1,776	5,712
" Powell Street	11,529	7,811	17,337	9,500	6,236
" women	2,174	.....	1,638	1,461	.....
Victoria	1,896	3,011	3,908	1,239	1,646
" women	729	.....	957	558	.....
New Westminster	425	1,380	1,227	227	956
Prince Rupert	1,347	557	1,781	1,079	402
Nanaimo	72	548	346	24	345
Kamloops	1,420	881	3,171	1,084	723
Vernon	442	417	832	336	323
Nelson	512	255	924	426	179
Cranbrook	722	287	1,242	585	188
Fernie	264	327	859	256	292
Kelowna	102	33	121	89	32
Totals	25,825	27,154	42,639	18,640	17,034

INDUSTRIAL CLASSIFICATION BY GROUPS.

Tables Nos. 16 to 37 show the number of civilians and returned soldiers applying for work, the number of employers' orders, and the number of returned soldiers and civilians placed in positions by each office in the various industries.

TABLE No. 16.—AGRICULTURE AND STOCK-RAISING.

	Civilian Applicants.	Returned Soldier Applicants.	Vacancies.	Civilian Placements.	Returned Soldier Placements.
Vancouver, Dunsmuir Street	838	1,408	1,158	629	643
" Powell Street	166	167	101	59	212
" women	337	....	348	326	....
Victoria	68	279	329	30	206
" women	127	....	281	127	....
New Westminster	30	107	78	8	72
Prince Rupert	9	6	12	7	5
Nanaimo	6	23	8	....	11
Kamloops	280	167	312	175	148
Vernon	75	101	172	64	84
Nelson	71	14	74	65	9
Cranbrook	60	16	15	49	10
Fernie	....	10	8	....	10
Kelowna	55	30	71	42	29
Totals	2,122	2,328	2,969	1,581	1,439

TABLE No. 17.—BUILDING AND CONSTRUCTION.

	Civilian Applicants.	Returned Soldier Applicants.	Vacancies.	Civilian Placements.	Returned Soldier Placements.
Vancouver, Dunsmuir Street	741	946	787	186	583
" Powell Street	308	308	271	229	258
Victoria	242	348	336	58	170
New Westminster	40	134	105	20	86
Prince Rupert	78	50	153	73	49
Nanaimo	3	26	7	2	20
Kamloops	85	56	127	71	48
Vernon	17	16	35	7	15
Nelson	16	8	19	10	4
Cranbrook	18	21	54	17	17
Fernie	1	6	4	1	3
Kelowna	2	..	2	2	..
Totals	1,551	1,919	1,890	675	1,253

TABLE No. 18.—CLERICAL AND MERCANTILE.

	Civilian Applicants.	Returned Soldier Applicants.	Vacancies.	Civilian Placements.	Returned Soldier Placements.
Vancouver, Dunsmuir Street	601	2,129	628	20	535
" Powell Street	47	49	11	6	5
" women	110	....	73	38	..
Victoria	142	343	144	46	90
" women	62	....	24	19	..
New Westminster	19	106	40	10	31
Prince Rupert	37	41	49	20	23
Nanaimo	6	38	4	..	11
Kamloops	80	75	84	51	58
Vernon	7	9	10	4	6
Nelson	13	13	9	2	4
Cranbrook	5	5	4	1	1
Fernie	2	2	4	1	3
Kelowna	2	....	3	3	..
Totals	1,133	2,810	1,087	221	772

TABLE No. 19.—DOMESTIC AND PERSONAL.

	Civilian Applicants.	Returned Soldier Applicants.	Vacancies.	Civilian Placements.	Returned Soldier Placements.
Vancouver, Dunsmuir Street	299	751	723	49	442
" Powell Street	43	57	31	11	20
" women	1,550	...	1,049	937	..
Victoria	323	113	366	295	74
" women	513	...	621	396	..
Prince Rupert	71	18	91	49	12
New Westminster	26	91	95	19	76
Nanaimo	6	4	10	5	4
Kamloops	144	61	179	108	49
Vernon	16	22	32	13	19
Nelson	60	11	68	42	8
Cranbrook	7	...	8	4	..
Fernie	6	5	13	6	5
Kelowna	1	...	1	1	..
Total	3,065	1,133	3,287	1,935	709

TABLE No. 20.—FISHING AND HUNTING.

	Civilian Applicants.	Returned Soldier Applicants.	Vacancies.	Civilian Placements.	Returned Soldier Placements.
Vancouver, Dunsmuir Street	14	55	41	6	35
" Powell Street	10	8	24	10	8
Victoria	1	34	33	..	33
New Westminster	3	25	12	..	14
Prince Rupert	14	2	11	13	1
Nanaimo	..	17	15	..	15
Kamloops	13	..	..	13	..
Totals	55	141	136	42	106

TABLE NO. 21.—LABOURING, GENERAL.

	Civilian Applicants.	Returned Soldier Applicants.	Vacancies.	Civilian Placements.	Returned Soldier Placements.
Vancouver, Dunsmuir Street	227	943	1,109	291	615
" Powell Street	5,906	4,261	8,340	4,879	2,895
Victoria	632	1,207	1,992	658	850
New Westminster	194	512	587	115	420
Prince Rupert	515	193	753	424	158
Nanaimo	20	172	114	6	113
Kamloops	163	77	215	100	83
Vernon	162	206	319	127	154
Nelson	51	68	204	47	57
Cranbrook	70	14	78	52	12
Fernie	61	136	198	60	133
Kelowna	10	1	10	9	1
Totals	8,011	7,786	13,919	6,768	5,491

TABLE NO. 22.—LUMBERING AND FORESTRY.

	Civilian Applicants.	Returned Soldier Applicants.	Vacancies.	Civilian Placements.	Returned Soldier Placements.
Vancouver, Dunsmuir Street	57	92	72	21	51
" Powell Street	2,009	1,055	3,361	1,619	1,124
Victoria	93	33	270	60	12
New Westminster	32	54	63	22	40
Prince Rupert	117	55	127	134	7
Nanaimo	5	26	7	4	8
Kamloops	307	218	791	262	161
Vernon	83	6	66	55	5
Nelson	116	62	270	132	36
Cranbrook	373	195	756	326	117
Fernie	146	90	479	145	74
Kelowna	3	2	5	3	2
Totals	3,341	1,888	6,267	2,783	1,637

TABLE NO. 23.—MANUFACTURING BRICK, CEMENT, ETC.

	Civilian Applicants.	Returned Soldier Applicants.	Vacancies.	Civilian Placements.	Returned Soldier Placements.
Vancouver, Dunsmuir Street	9	2	1	1	..
" Powell Street	..	1	..	..	..
New Westminster	..	4	6	..	4
Totals	9	7	7	1	4

TABLE NO. 24.—MANUFACTURING CHEMICALS, ETC.

	Civilian Applicants.	Returned Soldier Applicants.	Vacancies.	Civilian Placements.	Returned Soldier Placements.
Vancouver, Dunsmuir Street	30	35	9	1	7
" Powell Street	1	1	..	..	..
Victoria	1	7	1	..	..
New Westminster	..	1	..	..	..
Prince Rupert	..	1	1	..	1
Totals	31	45	11	1	8

TABLE NO. 25.—MANUFACTURING FOODS.

	Civilian Applicants.	Returned Soldier Applicants.	Vacancies.	Civilian Placements.	Returned Soldier Placements.
Vancouver, Dunsmuir Street	46	61	41	12	26
" Women	177	..	168	160	..
Victoria, Women	6	..	8	6	..
New Westminster	1	9	9	1	8
Nanaimo	..	1	..	..	..
Vernon	1	..	1	1	..
Kelowna	11	..	11	11	..
Totals	242	71	238	191	34

TABLE NO. 26.—MANUFACTURING IRON, STEEL, ETC.

	Civilian Applicants.	Returned Soldier Applicants.	Vacancies.	Civilian Placements.	Returned Soldier Placements.
Vancouver, Dunsmuir Street	401	1,229	354	29	297
" Powell Street	46	41	24	6	15
Victoria	121	124	38	9	27
New Westminster	47	191	98	15	87
Prince Rupert	61	36	50	40	27
Nanaimo	5	20	3	1	5
Kamloops	13	8	17	9	5
Vernon	2	..	..	..	..
Nelson	22	7	20	17	2
Cranbrook	18	4	21	13	..
Fernie	3	2	2	2	..
Totals	739	1,662	627	141	465

TABLE NO. 27.—MANUFACTURING LEATHER, ETC.

	Civilian Applicants.	Returned Soldier Applicants.	Vacancies.	Civilian Placements.	Returned Soldier Placements.
Vancouver, Dunsmuir Street	17	17	17	3	8
" Powell Street	..	..	2	..	..
Victoria	4	6	3	1	2
New Westminster	..	3	..	..	..
Kamloops	..	..	1	..	..
Nelson	..	..	1	..	..
Totals	21	26	24	4	10

TABLE NO. 28.—MANUFACTURING PAPER, ETC.

	Civilian Applicants.	Returned Soldier Applicants.	Vacancies.	Civilian Placements.	Returned Soldier Placements.
Vancouver, Dunsmuir Street	25	23	6	1	5
Victoria	2	4	..	..	..
New Westminster	1	4	1	..	1
Prince Rupert	1	..	1	1	..
Nanaimo	2	1	..	..	..
Totals	31	32	8	2	6

TABLE No. 29.—MANUFACTURING TEXTILES, CLOTH, ETC.

	Civilian Applicants.	Returned Soldier Applicants.	Vacancies.	Civilian Placements.	Returned Soldier Placements.
Vancouver, Dunsmuir Street	25	34	28	9	14
Victoria	1	2	1	..	..
" women	10	..	8	7	..
New Westminster	..	3	..	..	..
Kamloops	1	..	..	..	..
Vernon	..	..	2	..	..
Cranbrook	..	..	2	..	..
Totals	37	39	41	16	14

TABLE No. 30.—MANUFACTURING VEHICLES.

	Civilian Applicants.	Returned Soldier Applicants.	Vacancies.	Civilian Placements.	Returned Soldier Placements.
Vancouver, Dunsmuir Street	23	13	17	6	11
Victoria	7	3	1	..	1
Nanaimo	..	1	..	..	
Vernon	1	4	2	..	2
Fernie	3	2	3	2	1
Totals	34	23	23	8	15

TABLE No. 31.—MANUFACTURING WOOD, ETC.

	Civilian Applicants.	Returned Soldier Applicants.	Vacancies.	Civilian Placements.	Returned Soldier Placements.
Vancouver, Dunsmuir Street	31	22	45	14	9
" Powell Street	13	8	13	9	1
Victoria	19	11	67	12	6
New Westminster	2	17	15	..	15
Nanaimo	..	4	..	..	..
Kamloops	1	1	2	1	1
Cranbrook	5	2	6	5	2
Totals	71	65	148	41	35

TABLE No. 32.—PROFESSIONAL AND TECHNICAL.

	Civilian Applicants.	Returned Soldier Applicants.	Vacancies.	Civilian Placements.	Returned Soldier Placements.
Vancouver, Dunsmuir Street	311	612	302	6	290
Victoria	11	27	18	5	11
" women	11	..	15	3	..
New Westminster	7	54	56	5	56
Prince Rupert	9	1	7	5	1
Nanaimo	2	15	2		2
Kamloops	71	57	118	50	48
Vernon		3	4	..	2
Nelson	4	2	3	1	..
Cranbrook	12	1	10	3	1
Totals	438	772	535	78	411

TABLE NO. 33.—QUARRYING AND MINING.

	Civilian Applicants.	Returned Soldier Applicants.	Vacancies.	Civilian Placements.	Returned Soldier Placements.
Vancouver, Dunsmuir Street	41	29	29	11	18
" Powell Street	334	334	891	288	331
Victoria	44	35	84	23	22
New Westminster	..	5	1	..	1
Prince Rupert	121	14	74	84	10
Nanaimo	16	187	174	5	152
Kamloops	43	9	89	37	8
Nelson	113	34	171	96	25
Vernon	1	..	..	..	..
Fernie	19	11	80	19	11
Cranbrook	118	18	238	97	19
Totals	850	676	1,831	660	597

TABLE NO. 34.—RAILROAD-CONSTRUCTION.

	Civilian Applicants.	Returned Soldier Applicants.	Vacancies.	Civilian Placements.	Returned Soldier Placements.
Vancouver, Dunsmuir Street	13	19	22	7	15
" Powell Street	2,416	1,220	3,840	2,257	1,183
Victoria	13	9	9	3	3
New Westminster	9	10	25	7	18
Prince Rupert	1	.	2	1	.
Kamloops	104	32	1,040	84	26
Vernon	73	48	195	64	35
Fernie	.	1	..	..	1
Kelowna	18	..	18	18	..
Totals	2,647	1,339	5,151	2,441	1,231

TABLE NO. 35.—RAILROAD OPERATION.

	Civilian Applicants.	Returned Soldier Applicants.	Vacancies.	Civilian Placements.	Returned Soldier Placements.
Vancouver, Dunsmuir Street	147	131	124	65	59
" Powell Street	32	34	45	20	25
Victoria	72	190	74	7	56
New Westminster	4	3	2	1	1
Prince Rupert	2	..	..	2	..
Nanaimo	1	8	1	..	2
Kamloops	12	8	15	7	7
Vernon	..	1	1	..	1
Cranbrook	3	1	6	3	.
Fernie	..	4	3	1	2
Totals	272	380	271	106	153

TABLE NO. 36.—SHIPPING AND LONGSHORE-WORK.

	Civilian Applicants.	Returned Soldier Applicants.	Vacancies.	Civilian Placements.	Returned Soldier Placements.
Vancouver, Dunsmuir Street	228	1,815	1,585	344	1,241
" Powell Street	117	76	227	42	74
Victoria	42	61	73	29	39
New Westminster	8	37	25	2	21
Prince Rupert	20	7	35	20	7
Nanaimo	1	1	..	1	..
Vernon	1	..	3	1	..
Cranbrook	1	..	1	..	..
Totals	418	1,997	1,954	439	1,382

TABLE No. 37.—MISCELLANEOUS.

	Civilian Applicants.	Returned Soldier Applicants.	Vacancies.	Civilian Placements.	Returned Soldier Placements.
Vancouver, Dunsmuir Street	67	1,281	1,198	65	808
" Powell Street	82	191	156	65	85
Victoria	58	175	64	3	44
New Westminster	2	10	9	2	5
Prince Rupert	291	133	415	206	96
Nanaimo	..	4	1	..	2
Kamloops	102	112	181	116	81
Vernon	3	1	..	..	..
Nelson	46	36	85	14	34
Cranbrook	32	10	43	15	9
Fernie	23	58	65	19	49
Totals	707	2,011	2,217	505	1,213

TABLE No. 38.—SUMMARY OF GROUP TOTALS.

	Civilian Applicants.	Returned Soldier Applicants.	Employers' Orders.	Civilian Placements.	Returned Soldier Placements.
Agriculture and stock-raising	2,122	2,328	2,967	1,581	1,439
Building and construction	1,531	1,919	1,890	676	1,253
Commercial and mercantile	1,133	2,810	1,087	221	772
Domestic and personal service	3,065	1,133	3,287	1,935	709
Fishing and hunting	55	141	136	42	106
Labouring, general	8,011	7,790	13,919	6,768	5,491
Lumbering and forestry	3,341	1,888	6,267	2,783	1,687
Manufacturing brick and cement, etc	9	7	7	1	4
Manufacturing chemicals, etc	31	45	11	1	8
Manufacturing foods	242	71	238	191	34
Manufacturing steel, iron, etc	739	1,662	627	141	465
Manufacturing leather	21	26	24	4	10
Manufacturing paper, etc	31	32	8	2	6
Manufacturing textiles, cloth, etc	37	39	41	16	14
Manufacturing vehicles	34	23	23	8	15
Manufacturing wood, etc	71	65	148	41	34
Professional and technical	438	772	535	78	411
Railroad-construction	2,647	1,339	5,151	2,441	1,281
Quarrying and mining	850	676	1,831	660	597
Railroad operation	272	380	271	106	153
Shipping and longshore-work	418	1,997	1,954	439	1,382
Miscellaneous	707	2,011	2,217	505	1,213
Totals	25,825	27,154	42,639	18,640	17,034

TABLE No. 39.—FRUIT-PICKING.

The following shows the number of fruit and cannery workers sent to each district:—

Vancouver Island	402
Penticton	43
Vernon	205
Kelowna	159
Hatzic	67
Gambier Island	2
Peachland	5
Gellatly	11
Summerland	3
West Summerland	5
Oyama	3
West Bank	2
Kaleden	2
Salmon Arm	5
Spences Bridge	1
Short's Point	2
Creston	3
Total	920

Of this total, 523 were sent from the Vancouver offices, 390 from Victoria, and 7 from New Westminster.

ASSOCIATIONS OF EMPLOYERS.

The Union Directory incorporated in last year's report proved to be of widespread interest and utility. In compliance with the undoubted demand for information of this nature, the Department has widened the scope of this section of its work, and this year there is presented also a compendium embracing the associations of employers. Mention is confined to those which are concerned with the employment of labour, as distinguished from associations with purely trade or commercial or social objects. Every effort has been made to ensure the correctness of the information given, and every association coming within the scope of the above definition has, so far as it has been possible to trace the same, been included. Such information as is given has been checked over to the latest possible moment before the presentation of this report.

The Shingle Agency of British Columbia—President, Aird Flavelle, Thurston-Flavelle, Ltd., Port Moody; Vice-President, H. Powers, Dominion Shingle & Cedar Co., Vancouver; Secretary, Frank L. Nash, Standard Bank Building, Vancouver.

The Western Coal Operators' Association—Head Office, 1015 Herald Building, Calgary, Alta.; President, O. E. S. Whiteside, Coleman, Alta.; 1st Vice-President, W. B. Morrow, Canmore, Alta.; 2nd Vice-President, S. L. McMullen, Midlandvale, Alta.; Secretary-Treasurer, W. F. McNeill, Calgary, Alta. Officers elected for one year on second Friday in January each year.

Vancouver Association of Electrical Contractors & Dealers—President, E. Brettell, 781 Granville Street, Vancouver; Secretary, Robert G. Hargreaves, 406 Yorkshire Building, Vancouver. Officers elected September each year.

Vancouver Association of Sanitary & Heating Engineers—President, Walter Murray, Murray Bros., Vancouver; Secretary, Robert C. Hargreaves, 406 Yorkshire Building, Vancouver. Officers elected annually in June each year.

Vancouver Hotels Association—President, W. S. Wainwright, Hotel Alcazar, Vancouver; 1st Vice-President, T. H. Whelan, Regent Hotel, Vancouver; 2nd Vice-President, A. J. Weldon, Grosvenor Hotel, Vancouver; Secretary, Ernest A. Masters, 333 Dunsmuir Street, Vancouver. Officers elected annually in January.

Vancouver Printers' Board of Trade—President, Chas. E. Chapman, 799 Granville Street, Vancouver; Vice-President, Jas. C. Nicholson, 2092 Second Avenue West, Vancouver; Secretary, William Brand, 420 Pacific Building, Vancouver. Officers elected for one year on first Friday in May.

Victoria Bread and Cake Manufacturers' Association—President, D. W. Hanbury, Golden West Bakery, Victoria; Secretary, H. Amphlett, 101 Union Bank Building, Victoria.

Victoria Builders' Exchange, Ltd.—President, Wm. Luney, 508 Sayward Building, Victoria; 1st Vice-President, H. Catterall, 921 Fort Street, Victoria; 2nd Vice-President, J. R. Shenk, 741 Esquimalt Road, Victoria; Secretary-Treasurer, J. W. Bolden, 1616 Cook Street, Victoria. Officers elected yearly at annual meeting in January.

B.C. Loggers' Association—President, Philip A. Wilson, 415 Winch Building, Vancouver; Vice-President, Mark D. Rector, 1016 Rogers Building, Vancouver; Secretary, W. B. W. Armstrong, 821-825 Rogers Building, Vancouver. Officers elected annually on January 15th unless that day falls on Sunday, in which case the election is held on following day.

B.C. Box Manufacturers' Association—Secretary, Hugh Dalton, 402 Pender Street West, Vancouver.

B.C. Tow Boat Owners' Association—President, C. A. Prowse, c/o McDonald, Marpole & Co., Vancouver; Vice-President, Capt. Geo. McGregor, Victoria Tug Co., Victoria; Secretary-Treasurer, Capt. James R. Stewart, 837 Hastings Street West, Vancouver. Election of officers, September, 1919.

Ben Franklin Club (Master Printers), Victoria—President, A. F. Stevens, Acme Press, Victoria; Secretary, H. A. Dibble, Room 420, Hibben-Bone Block, 1120 Government Street, Victoria. Officers elected annually in September each year.

Canadian Manufacturers' Association — Headquarters, Toronto; B.C. Division, Secretary, H. Dalton, 402 Pender Street West, Vancouver. Victoria and Vancouver Island Branch: Secretary, T. J. Goodlake, 8 Winch Building, Victoria.

Canadian Warehousemen's Association — Head Office, 198 Hastings Street West, Vancouver; President, I. M. Winslow, Security Storage & Warehouse Co., Ltd., Winnipeg; Secretary, Roy F. Wrigley, 198 Hastings Street West, Vancouver. The Association has a Board of Directors for each Province.

Employers' Association of British Columbia—President, E. H. Beazley, Union Steamship Co. of B.C., Ltd., Vancouver; Vice-President, J. R. Duncan, Vulcan Iron Works, Ltd., Vancouver; Manager, N. G. Neill; Headquarters, 403-4 Credit Foncier Building, Vancouver.

Fishing Vessel Owners' Association, Inc.—Manager, Capt. Jacob H. Engdal, Pier 8, Seattle, Wash., U.S.A.

General Cartage & Warehousemen's Association of B.C.—President, H. E. McDonald, Pacific Transfer Co., Ltd.; Vice-President, Elmer Johnston, Johnston Storage Co., Ltd.; Secretary, E. A. Quigley, 10 Inns of Court Building, 423 Hamilton Street, Vancouver; Treasurer, W. Dalton, Vancouver Warehouses, Ltd.

Manufacturers' Association of British Columbia—President, J. H. Falconer, 1365 Powell Street, Vancouver; Vice-President, A. B. Weeks, Canadian Northwest Steel Co., foot of Prince Edward Street, Vancouver; Secretary, J. Hart, 744 Hastings Street, Vancouver.

Election of officers takes place anually within eight weeks of beginning of the year.

Master Painters' and Decorators' Association—Secretary, H. J. Stroud, 1387 Howe Street, Vancouver. Officers elected for one year.

Metal Trades Employers' Association of B.C.—President, A. McKelvie, 1214 Pender Street East, Vancouver; Secretary, J. Hart, 744 Hastings Street West, Vancouver. Elects officers annually within eight weeks of beginning of the year. Victoria Branch: Vice-President, E. W. Izard, 8 Winch Building, Victoria; Assistant Secretary, T. J. Goodlake, 8 Winch Building, Victoria.

Mountain Lumber Manufacturers' Association—President, E. L. Staples, Wycliffe; Vice-President, A. K. Leitch, Jaffray; Secretary, I. R. Poole, Nelson. Officers are elected for one year at annual meeting which takes place in January.

Sash and Door Employers' Association—Secretary, R. A. Ogilvie, 207 Hastings Street West, Vancouver.

Shipping Federation of B.C.—Manager and Secretary-Treasurer, Capt. James R. Stewart, 837 Hastings Street West, Vancouver. Election of officers, May, 1920.

The British Columbia Lumber and Shingle Manufacturers, Ltd.—President, E. C. Knight, Vancouver Lumber Co., Vancouver; Vice-Presidents, J. D. McCormack, Canadian Western Lumber Co., Fraser Mills, and F. R. Pendleton, Straits Lumber Co., Red Gap; Secretary-Treasurer, R. H. H. Alexander, 915 Metropolitan Building, Vancouver. Officers elected annually at annual meeting on third Thursday in January each year.

The British Columbia Salmon Canners' Association (including the Fraser River Canners' Association)—Chairman elected at each meeting. Secretary, W. D. Burdis, 804-5 London Building, Vancouver.

The Retail Merchants' Association of Canada, Inc.—Headquarters, 18 Rideau Street, Ottawa, Ont. B.C. Board: President, G. H. McRobbie, 786 Granville Street, Vancouver; 1st Vice-President, M. J. Phillips, Columbia Street, New Westminster; 2nd Vice-President, Harvey Murphy, Nanaimo; Treasurer, D. H. Kent, 538 Granville Street, Vancouver; Secretary, G. S. Hougham, 424 Pacific Building, Vancouver. Branches are established at Vancouver, New Westminster, Port Alberni, Duncan, Chilliwack, Armstrong, Enderby, Prince Rupert, Nanaimo, South Vancouver, Kelowna, Kamloops, and Vernon, each of which has its own President, Vice-Presidents, and Secretary. There is also a separate section for each branch of the retail trade.

General Contractors' and Master Builders' Association of Vancouver—President, F. T. King, London Building, Vancouver; Secretary, J. Hart, 744 Hastings Street West, Vancouver.

UNION DIRECTORY.

In the following pages the Department has attempted to give the most complete and up-to-date Directory that could be compiled of all labour organizations in the Province. In the past year many changes have taken place, and the situation now is that labour organizations in British Columbia, and indeed throughout the West, form two separate and distinct groups, in many cases overlapping each other in the different districts. These groups are respectively the Internationals associated with the American Federation of Labour and the One Big Union, and they are given separately in the following Directory. Although there has been a ready response from the trade-unions to our request for information, in some cases this has apparently not been forthcoming, and the list is therefore not presented as an exhaustive one. During the time that has elapsed since many of the returns were sent in to the Department a number of changes have been made by the organizations; wherever possible these have been checked and the necessary alterations have been made in the list, this process having been continued up to the last possible moment before going to press.

TRADES AND LABOUR CONGRESS OF CANADA.

President, Thomas Moore, member of Brotherhood of Carpenters and Joiners, Ottawa; Vice-President, H. J. Halford, member of Brotherhood of Barbers, Hamilton; A. Martel, member of Brotherhood of Carpenters and Joiners, Montreal; A. McAndrews, member of Maintenance-of-way Employees; Secretary-Treasurer, P. M. Draper, Hope Building, Ottawa, member of Typographical Union.

NATIONAL ORGANIZATIONS.

Canadian Merchants' Service Guild.

Vancouver—President, Capt. C. W. Wearmouth, Rogers Building, Vancouver; Secretary, Andrew Goodlad. Meets first Tuesday and first Thursday of each month.

Victoria—President, W. W. Whitley, 311 Union Bank Building, Victoria; Secretary, T. H. Brown.

National Association of Marine Engineers.

Vancouver Council No. 7—President, L. A. McAlpine, Room 10 Jones Building, 407 Hastings Street West, Vancouver; Secretary, E. Read, Room 10 Jones Building, 407 Hastings Street West, Vancouver. Meets in Room 10 Jones Building, summer months second and fourth Fridays, winter months every Friday.

Victoria Council No. 6—President, A. W. Greaves, 410 Union Bank Building, Victoria; Secretary, A. McNiven, 410 Union Bank Building, Victoria.

TRADES AND LABOUR COUNCILS. (International.)

Nelson—President, G. H. Fraser, Nelson; Secretary, F. Pezeril, Box 674, Nelson.

New Westminster—President, H. Knudsen, 403 Royal Avenue, New Westminster; Secretary, R. Morgan, 313 Regina Street, New Westminster. Meets second and fourth Wednesdays at Labour Temple.

Prince Rupert—President, S. D. McDonald, Prince Rupert; Secretary, G. Waddell, Box 452, Prince Rupert. Meets second and fourth Tuesdays of each month at Carpenters' Hall.

Revelstoke—Secretary, P. Parker, Box 234, Revelstoke.

Vancouver—President, F. W. Welsh, Labour Temple, Vancouver; Secretary, Mrs. H. Fern, Labour Temple, Vancouver. Meets first and third Thursdays of each months at the Labour Temple.

Victoria—President, E. S. Woodward, K. of P. Hall, North Park Street; Secretary, C. Sivertz, 1218 Denman Street, Victoria. Meets first and third Wednesdays of each month at Labour Hall, North Park Street, Victoria.

METAL TRADES COUNCILS. (International.)

Vancouver—President, G. Thom, 6 Dufferin Street, Vancouver; Secretary, V. J. Young, 1245 Alberni Street, Vancouver. Meets every Wednesday at the Labour Temple, Vancouver.

Victoria—President, Jas. Dakers; Secretary, W. A. Davies, 793 Hillside Avenue, Victoria. Meets every Friday at Labour Hall.

DISTRICT LODGES AND COUNCILS.

International Brotherhood of Blacksmiths, Drop Forgers & Helpers.

District Council No. 5, Vancouver, Victoria, and New Westminster—President, F. Marrison, Victoria; Secretary, Wm. Proudfoot, 391 Portage Avenue, Victoria.

Federated Trades Councils (Railroads).

Victoria (E. & N. Shop Trades)—President, Harry Stephenson; Secretary, Wm. Wallace, 617 Craigflower Road, Victoria. Meets second Thursday of each month at Labour Hall.

International Brotherhood of Boilermakers & Iron Shipbuilders & Helpers of America.

Pacific Coast District No. 44 (San Francisco to Prince Rupert)—President, D. P. McKillop, 808 Washington Street, Seattle, Wash., U.S.A.; Secretary-Treasurer, E. A. Knapp, Box 647, Vancouver, Wash., U.S.A.

Railroad District No. 30 (all Railroads in Canada)—President, R. C. McCutcheon, No. 15 La Salle Block, Winnipeg; Secretary, G. F. Chadburn, 1585 Alexander Street, Winnipeg.

United Brotherhood of Carpenters & Joiners of America.

Vancouver District Council—Secretary, R. Houseman, 267 Sixtieth Avenue East, Vancouver.

Meets first and third Tuesdays of each month at Labour Temple, Vancouver.

Victoria District Council—President, J. Ley, Labour Temple, Victoria; Secretary, J. Ewing, Labour Temple, Victoria. Meets every Monday at Labour Temple.

International Longshoremen's Association.

Pacific Coast District (Mexican Border to Alaska)—President, J. Taylor, 4160 Arcade Building, Seattle, Wash., U.S.A.; Secretary, M. E. Wright, 4160 Arcade Building, Seattle, Wash., U.S.A.

International Association of Machinists.

District No. 78, Vancouver, Victoria, and New Westminster (Shipyard and Contract Shops)—President, G. Warrack, New Westminster; Secretary, J. H. McVety, 211 Labour Temple, Vancouver.

District No. 2 (all Railroads in Canada)—President, R. J. Tallon, Calgary; Secretary, H. Kempster, Labour Temple, Winnipeg.

Allied Printing Trades Councils.

Vancouver—President, J. F. McConnell, P.O. Box 66, Vancouver; Secretary, H. Neelands, P.O. Box 66, Vancouver. Meets second Monday of each month at Labour Temple.

Victoria—President, R. Malcolm, 1405 Grant Street, Victoria; Secretary, W. H. Ozard, 3066 Albany Road, Victoria. Meets fourth Thursday at Oddfellows' Hall.

Printers' Western Canada Conference of Typos—Secretary, W. B. Bellamy, Drawer 989, Medicine Hat, Alta.

Railroad Employees Department No. 4 of the American Federation of Labour.

(Governing all Shop Trades on Canadian Railroads)—President, R. J. Tallon, 815 Twenty-first Avenue East, Calgary; Secretary-Treasurer, Chas. Dickie, Room 14, Labour Temple, Winnipeg.

The Commercial Telegraphers' Union of America.

Vancouver District No. 63—President, T. O'Connor, Box 432, Vancouver.

B.C. Division, Government Telegraphers—District Chairman, C. W. Mitchell, Hazelton.

Vancouver Island Lines District—Chairman, W. A. McGee, Bamfield.

Theatrical Federation of Vancouver.

President, H. J. Brassfield, c/o Pantages Theatre, Vancouver; Secretary, J. Lowden, Orpheum Theatre, Vancouver.

Civic Federation, Vancouver.

President, W. J. Scribbins, 3234 Pender Street East, Vancouver; Secretary, Geo. Richardson, No. 1 Fire Hall, Vancouver.

TRADE UNIONS.

Ashcroft.

Maintenance-of-way Employees & Railway Shop Labourers, United Brotherhood of, Local No. 210—President, J. D. Nicol, Spatsum, via Spences Bridge; Secretary, D. G. H. Sutherland, Ashcroft. Meets quarterly, January, April, July, and October, at Ashcroft.

Chilliwack.

Maintenance-of-way Employees & Railway Shop Labourers, United Brotherhood of, Local No. 31—President, G. Johnson, Mount Lehman; Secretary, P. F. Crick, Box 102, Chilliwack. Meets third Saturday in October, January, April, and July.

Cranbrook.

Barbers' International Union, Journeymen, Local No. 632—President, G. E. South, Baker Street, Cranbrook; Secretary, A. H. Bullock, Cranbrook. Meets last Monday in the month at Bullock's Barber Shop.

Brewery, Flour, Cereal & Soft Drink Workers of America, International Union of Local No. 308, Branch No. 2—Secretary, Andrew Mueller, c/o Cranbrook Brewery, Cranbrook.

Locomotive Engineers, Brotherhood of, Division No. 563—President, H. J. Brock, Box 551, Cranbrook; Secretary, E. Birce, Cranbrook.

Locomotive Firemen & Engineers, Brotherhood of, Local No. 559—President, H. Gammon, General Delivery, Cranbrook; Secretary, Morgan Johns, Box 214, Cranbrook.

Maintenance-of-way Employees & Railway Shop Labourers, United Brotherhood of, Local No. 229—President, George C. Brown, Box 738, Cranbrook; Secretary, Charles Nelson, Yahk. Meets at Cranbrook in January, March, July, and October.

Railway Conductors of America, Order of, Division No. 407—Chief Conductor, W. F. Cameron, Cranbrook; Secretary, D. Hopkins, Cranbrook.

Railway Carmen of America, Brotherhood of, Local No. 173—President, J. Laurie, Cranbrook; Secretary, W. J. Lawrie, Cranbrook; Treasurer, J. Whittaker, Cranbrook.

Railway & S.S. Clerks, Express & Station Employees, Brotherhood of—President, L. Cox, Cranbrook; Secretary, C. van Bramm, Cranbrook.

Railway Trainmen, Brotherhood of, Local No. 585—President, R. W. Leonard, Box 718, Cranbrook; Secretary, A. Moe, Box 718, Cranbrook; Treasurer, J. H. Cameron, Box 718, Cranbrook.

Corbin.

United Mine Workers of America, Local No. 2877—President, J. Barnes, Corbin; Secretary, J. R. MacDonald, Corbin. Meets at Union Hall.

Duncan.

Maintenance-of-way Employees & Railway Shop Labourers, United Brotherhood of, Local No. 533—President, W. H. Smith, Parksville Junction; Secretary, H. W. McKenzie, Duncan P.O., V.I. Meets when called by Executive.

Fernie.

Brewery, Flour, Cereal & Soft Drink Workers of America, International Union of, Local No. 308, Branch No. 1—Secretary, Martin Peterson, Box 1071, Fernie.

Golden.

Maintenance-of-way Employees & Railway Shop Labourers, United Brotherhood of, Local No. 165—President, C. Colfridson, Box 56, Golden; Secretary, Wm. Johnson, Box 125, Golden. Meets at Golden.

Greenwood.

Mine, Mill & Smelter Workers, International Union of, Local No. 22—Secretary, C. W. Hartland, Box 514, Greenwood.

Hedley.

Mine, Mill & Smelter Workers, International Union of, Local No. 161—Secretary, Wm. Smith, N. P. Mine, Hedley. Meets second Wednesday of each month at N.P. Mine and Hedley Town.

Kamloops.

Locomotive Engineers, Brotherhood of, Division No. 821—President, T. J. O'Neill, Seymour Street, Kamloops; Secretary, F. E. Brown, 744, Seymour Street, Kamloops. Meets first and third Thursdays at Orange Hall.

Locomotive Engineers, Brotherhood of, Division No. 855—President, L. L. Ross, Kamloops; Secretary, M. R. Lewis, Box 95, Kamloops. Meets first and third Sundays.

Locomotive Firemen & Engineers, Brotherhood of, Local No. 258—President, B. Goddard, Box 380, Kamloops; Secretary, H. Elliott, Box 380, Kamloops.

Railway Carmen, Brotherhood of, Local No. 148—President, Oral E. Klemmer, Box 256 Kamloops; Secretary, J. Clark, Box 776, Kamloops. Meets at Orange Hall on fourth Thursday.

Railway Conductors of America, Order of, Division No. 611—Chief Conductor, C. Todd, 427 Seymour Street, Kamloops; Secretary, R. C. Wood, Kamloops. Meets second and fourth Sundays at Orange Hall.

Lucerne.

Maintenance-of-way Employees & Railway Shop Labourers, United Brotherhood of, Local No. 15—President, Ed. Murphy, Hilton, Alberta; Secretary, T. Tostenson, Boulder via Kamloops. Meets first Sunday in January, April, July, and October.

Mission City.

Maintenance-of-way Employees & Railway Shop Workers, United Brotherhood of, Local No. 168—Secretary, Jas. Sinclair, Box 86, Mission City.

Michel.

United Mine Workers of America, Local No. 2334—President, John Marsh, Natal; Secretary, R. Ramshaw, Michel. Meets Wednesday of each week at Natal.

Nanaimo.

Postal Workers, Amalgamated—President, E. B. Booth, Fitzwilliam Street, Nanaimo; Secretary, G. W. Green, 20, Strickland Street, Nanaimo.

Typographical Union, International, Local No. 337—President, James J. Begg, c/o Free Press, Nanaimo; Secretary, L. Gilbert, P.O. Box 476, Nanaimo. Meets Sundays at Occidental Hotel.

Nelson.

Barbers' International Union, Journeymen, Local No. 196—President, E. Sutcliffe, Baker Street, Nelson; Secretary, L. McCullough, P.O. Box 894, Nelson. Meets fourth Thursday at 505 Baker Street.

Bricklayers, Masons & Plasterers' International Union of America, Local No. —President, J. Smith, P.O. Box 521, Nelson; Secretary, John Notman, P.O. Box 521, Nelson.

Brewery, Flour, Cereal & Soft Drink Workers of America, Local No. 28—Secretary, T. P. Moran, Box 711, Nelson.

Carpenters and Joiners of America, United Brotherhood of, Local No. 524—Secretary, G. H. Fraser, Box 254, Nelson. Meets Wednesday nights at Miners' Hall.

Locomotive Firemen & Engineers, Brotherhood of, Division No. 579—President, J. Simons, Nelson; Secretary, J. Cross, Box 805, Nelson. Meets first and third Sundays at K. of P. Hall.

Locomotive Firemen & Engineers, Brotherhood of, Local No. 631—President, W. J. Russell, Box 1084, Nelson; Vice-Chairman, Dominion Legislative Board, T. L. Bloomer, Box 665, Nelson; Secretary, Stanley Smith, Box 1084, Nelson. Meets second and fourth Sundays at I.O.O.F. Hall.

Machinists, International Association of, Local No. 663—Secretary, Fred Chapman, Box 253, Nelson.

Maintenance-of-way Employees & Railway Shop Labourers, United Brotherhood of, Local No. 181—President, F. R. McCharees, Box 776, Nelson; Secretary, F. Gustafson, Box 265, Nelson. Meets last Sunday in month.

Mine, Mill & Smelter Workers, International Union of, Local No. 95—President, Geo. Davis, Nelson; Secretary, Marcus Martin, Nelson. Meets 1st and 15th of each month.

Railway Carmen of America, Brotherhood of, Local No. 98—President, A. I. Austin, Nelson; Secretary, W. Bartholomew, Box 1187, Nelson. Meets second and fourth Thursdays at Labour Hall.

Railway Conductors of America, Order of, Division No. 460—Chief Conductor, A. B. Hall, 915 Stanley Street, Nelson; Secretary, H. L. Genest, Box 216, Nelson. Meets second Sunday.

Railway Trainmen, Brotherhood of, Local No. 558—President, A. W. Casely, Rosemont, Nelson; Secretary, A. Kirby, 820 Carbonate Street, Nelson. Meets second and fourth Sundays at Trades and Labour Hall.

Typographical Union, International, Local No. 340—President, D. C. McMorris, Box 95, Nelson; Secretary, H. H. de Pencier, P.O. Box 95, Nelson. Meets last Wednesday in each month.

New Westminster.

Barbers' International Union, Journeymen, Local No. 573—President, George Halverson, 33 Eighth Street, New Westminster; Secretary, George Yorkston, 35 Eighth Street, New Westminster. Meets second and fourth Wednesdays at Labour Temple.

Blacksmiths, Drop Forgers & Helpers, International Brotherhood of, Local No. 392—President, G. Bolton, 515 Sixteenth Avenue, New Westminster; Secretary, Lewis Earle, 910 Fifth Avenue, New Westminster. Meets first and third Mondays at Labour Hall.

Brewery, Flour, Cereal & Soft Drink Workers of America, International Union of United, Local No. 286—Secretary, J. A. Munday, 334 Columbia Street East, New Westminster. Meets first Monday each month at 334 Columbia Street.

Carpenters & Joiners of America, United Brotherhood of, Local No. 1251—Recording Secretary, F. H. Shaw, 1038 Eighteenth Avenue, New Westminster; Financial Secretary, Thomas

Blackledge, 824 Fifth Street, New Westminster. Meets first and third Mondays at Labour Temple.

Cigarmakers' International Union of America, Local No. 486—President, Lewis Witt, 406 Agnes Street; Secretary, James Feeney, 312 Ninth Street, New Westminster. Meets first Wednesday of each month at Labour Temple.

Civic Employees of New Westminster, Union of —Secretary, T. W. O'Brien, 118 Durham Street, New Westminster.

Machinists, International Association of, Local No. 151—President, Peter Wilkie, New Westminster; Secretary, E. C. Tinner, 3378 Parker Street, Vancouver.

Maintenance-of-way Employees & Railway Shop Labourers, United Brotherhood of, Local No. 1734—Secretary, Fred C. Shaw, General Delivery, New Westminster.

Musicians, American Federation of (Musicians' Mutual Protective Association), Local No. 654 —President, H. Broughton; Secretary, W. H. Boacher, 46 Second Street, New Westminster.

Postal Workers, Amalgamated—President, George Morrow, New Westminster; Secretary, Robert Bedgar, New Westminster. Meets second Wednesday of each month.

Railway Carmen of America, Brotherhood of, Local No. 280—President, W. L. Aicheson, Central Park; Secretary, A. H. Muttitt, 212 Fifth Avenue, New Westminster. Meets fourth Tuesday of each month at Labour Temple.

Retail Clerks' International Protective Association, Local No. 1306—President, G. Blake, 906 St. Andrews Street; Secretary, S. Johnson, 304 Eighth Avenue, New Westminster. Meets second and fourth Fridays of each month at Labour Temple.

Shipyard Labourers, Riggers & Fasteners, Union of, Local No. 3847—Secretary, Wm. Whitaker, 729 Second Street, New Westminster.

Street & Electric Railway Employees of America, Amalgamated Association of, Division No. 134 —President, R. P. Jameson, 520 Eighth Street, New Westminster; Secretary, Wm. Yates, 1015 Eighth Avenue, New Westminster. Meets second and fourth Tuesdays at Labour Temple.

Typographical Union, International, Local No. 632—President, R. A. Stoney, Box 1024, New Westminster; Secretary, H. S. Walsh, P.O. Box 1024, New Westminster. Meets first Sunday of each month at Labour Temple.

Phoenix.

Mine, Mill & Smelter Workers, International Union of, Local No. 8—Secretary, Harry Elsmore, Phoenix. Meets every Thursday at Union Hall.

Powell River.

Paper Makers, International Brotherhood of, Local No. 142—President, Grady Pickett, 101 Oak Street, Powell River; Secretary, Wm. Hutchinson, 141 Oak Street, Powell River. Meets second Sunday of each month at Central Hall.

Pulp, Sulphite & Paper Mill Workers of the United States and Canada, International Brotherhood of, Local No. 76—President, Dougall Gillis, Cedar Street, Powell River; Secretary, Charles Hill, 18 Riverside, Powell River. Meets first and third Sundays of each month at Central Hall.

Prince Rupert.

Boilermakers, Iron Shipbuilders & Helpers of America, International Brotherhood of, Local No. 146—President, John Harris, P.O. Box 494, Prince Rupert; Secretary, E. Craggs, P.O. Box 464, Prince Rupert. Meets first and third Thursdays at Carpenters' Hall.

Carpenters & Joiners of America, United Brotherhood of, Local No. 1735—President, J. J. Fillias, Prince Rupert; Secretary, L. O. Ferguson, Box 694, Prince Rupert. Meets first and third Wednesdays at Carpenters' Hall.

Deep Sea Fishermen's Union of the Pacific—Secretary, P. B. Gill, Box 65, Seattle, Wash., U.S.A.; Agent, Prince Rupert Branch, J. H. Meagher, Box 1675, Prince Rupert. Meets Tuesdays at Union Hall.

Electrical Workers, International Brotherhood of, Local No. 344—President, Geo. Waddell, Box 457, Prince Rupert; Secretary, A. B. Love, Box 457, Prince Rupert. Meets second Friday at Carpenters' Hall.

Locomotive Firemen & Engineers, Brotherhood of, Division No. 111—President, J. R. McIntyre, Box 474, Prince Rupert; Secretary, F. V. Foster, Box 474, Prince Rupert. Meets first and third Tuesdays.

Longshoremen's Association, International, Local No. 38-41—President, W. H. Montgomery, Box 531, Prince Rupert; Secretary, Wm. A. Pulford, Box 531, Prince Rupert. Meets every Monday at Longshoremen's Hall.

Machinists, International Association of, Local No. 207—President, Thos. Hooper, Prince Rupert; Secretary, C. W. Poole, Box 54, Prince Rupert. Meets second and fourth Wednesdays at Carpenters' Hall.

Maintenance-of-way Employees & Railway Shop Labourers, United Brotherhood of, Local No. 335—President, W. B. James, Inverness P.O.; Secretary, P. O'Brien, c/o G.T.P., Usk. Meets third Sunday every three months.

Painters, Decorators & Paperhangers of America, Brotherhood of, Local No. 731—President, B. H. Crossett, Prince Rupert; Secretary, J. P. Petrie, General Delivery, Prince Rupert. Meets second and fourth Thursdays.

Plumbers & Steam Fitters of the United States and Canada, United Associations of, Local No. 495—President, Ernest Blue, St. Louis Rooms, Prince Rupert; Secretary, Cecil D. Brown, Box 209, Prince Rupert. Meets first and third Mondays at Union Hall.

Postal Workers, Amalgamated—President, J. R. Morrison, Prince Rupert; Secretary, Miss Laura M. Pim, Prince Rupert.

Railway Carmen of America, Brotherhood of, Local No. 426—President, Wm. Duff, Prince Rupert; Secretary, L. C. Eby, Box 597, Prince Rupert. Meets second Tuesday of each month at Carpenters' Hall.

Railway Trainmen, Brotherhood of, Local No. 869—President, A. Greenhalgh, Box 12, Prince Rupert; Secretary, H. H. Oleson, Box 12, Prince Rupert. Meets at Railwaymen's Hall.

Retail Clerks' International Protective Association, Local No. 111—President, Cyril Westaway, Box 763, Prince Rupert; Secretary, Sam Westonm, P.O. Box 763, Prince Rupert. Meets first and third Tuesdays at Carpenters' Hall.

Typographical Union, International, Local No. 413—President, Chas. Kemp, c/o McRae Bros.,

Stationers, Prince Rupert; Secretary, S. D. McDonald, c/o Empire Office, Prince Rupert. Meets last Thursday in the month at Carpenters' Hall.

Prince George.

Locomotive Engineers, Brotherhood of, Division No. 843—President, C. H. Guile, Prince George; Secretary, J. G. Bartle, Prince George. Meets second and fourth Mondays at Ritts-Keefer Hall.

Locomotive Firemen & Engineers, Brotherhood of, Local No. 827—President, G. W. Taylor, Box 246, Prince George; Secretary, F. Armstrong, Box 189, Prince George. Meets first and third Sundays.

Maintenance-of-way Employees & Railway Shop Labourers, United Brotherhood of, Local No. 202—Secretary, D. O'Connell, McBride P.O. Meets at Prince George.

Railway Conductors of America, Order of, Division No. 620—Chief Conductor, L. P. Chase, Box 96, Prince George; Secretary, J. E. Paschal, Box 96, Prince George. Meets first Saturday in each month.

Princeton.

Mine, Mill & Smelter Workers, International Union of, Local No. 160—Secretary, John Ewing, Copper Mountain, Allenby.

Penticton.

Maintenance-of-way Employees & Railway Shop Labourers, United Brotherhood of, Local No. 951—Secretary, C. Nelson, Penticton.

Revelstoke.

Blacksmiths, Drop Forgers & Helpers, International Brotherhood of, Local No. 407—President, Jas. Mathie, Revelstoke; Secretary, J. M. Goble, Box 283, Revelstoke. Meets fourth Saturday at Selkirk Hall.

Boilermakers, Iron Shipbuilders & Helpers of America, International Brotherhood of, Local No. 466—President, T. McMillan, Box 502, Revelstoke; Secretary, A. Harris, Box 502, Revelstoke. Meets third Saturday at Selkirk Hall.

Locomotive Engineers, Brotherhood of, Division No. 657—President, W. Tomlinson, Second Street West, Revelstoke; Secretary, J. R. Purvis, 24 Fifth Street, Box 27, Revelstoke. Meets first and third Wednesdays at Selkirk Hall.

Locomotive Firemen & Enginemen, Brotherhood of, Local No. 341—President, G. R. Thomas; Secretary, A. Shearing, Box 735, Revelstoke.

Machinists, International Association of, Local No. 258—President, Robert Miller, P.O. Box 234, Revelstoke; Secretary, D. Bell, P.O. Box 234, Revelstoke. Meets second Monday at Smyth's Hall.

Maintenance-of-way Employees & Railway Shop Labourers, United Brotherhood of, Local No. 208—President, A. Galleppo, Revelstoke; Secretary, A. Blackberg, 56 East Second Street, Revelstoke. Meets first Thursday in February, May, August, and November.

Railway Carmen of America, Brotherhood of, Local No. 481—President, A. Watt, Revelstoke; Secretary, H. Parsons, Revelstoke. Meets third Tuesday at Smyth's Hall.

Railway Conductors of America, Order of, Division No. 487—Chief Conductor, J. Knox, Revelstoke; Secretary, R. M. McDonald, Box 25, Revelstoke. Meets second Monday and fourth Sunday at Selkirk Hall.

Railway Trainmen, Brotherhood of, Local No. 51—President, H. F. Dings, Revelstoke; Secretary, W. J. McDonald, Box 511, Revelstoke. Meets first Sunday and third Monday at Selkirk Hall.

Rosebery.

Maintenance-of-way Employees & Railway Shop Labourers, United Brotherhood of, Local No. 173—Secretary, Warren Nelson, Rosebery.

Salmon Arm.

Maintenance-of-way Employees & Railway Shop Labourers, United Brotherhood of, Local No. 193—President, W. E. Boyde, Pritchard; Secretary, Chas. G. Anderson, Box 49, Notch Hill. Meets at Finn Hall, Salmon Arm, at the call of the Chair.

Slocan Lake.

Maine, Mill & Smelter Workers, International Union of, Local No. 98—Secretary, A. Shilland, Sandon.

Trail.

Machinists, International Association of, Local No. 763—President, H. A. Johnson, Trail; Secretary, Alex. Balfour, Box 14, Trail. Meets second and fourth Tuesdays at Miners' Union Hall.

Musicians, American Federation of (Musicians' Mutual Protective Association), Local No. 713—President, Claude H. Wright; Secretary, C. W. Openshaw, Trail.

Tulameen.

Maintenance-of-way Employees & Railway Shop Labourers, United Brotherhood of, Local No. 1023—Secretary, George Drasses, Tulameen.

Smithers.

Maintenance-of-way Employees & Railway Shop Labourers, United Brotherhood of, Local No. 340—President, H. J. Johnston, Tintagel, via Burns Lake; Secretary, F. O. Miller, Hubert, via Telkwa, P.O. Box "B," Telkwa. Meets every three months, commencing January last, at Smithers.

Stewart (Portland Canal).

Mine, Mill & Smelter Workers, International Union of, Local No. 181—Secretary, W. Fraser, Stewart.

Vancouver.

Asbestos, Heat & Frost Insulators Workers, International Association of, Local No. 54—President, G. Arundel; Secretary, E. J. Graham, 2244 Forty-eighth Avenue East, Vancouver.

Bakery & Confectionery Workers' International Union of America, Local No. 179—President, A. Myers, 15 Sixth Avenue East, Vancouver; Secretary, J. W. Kievell, 472 Twelfth Avenue East, Vancouver. Meets fourth Saturday at 306 Labour Temple.

Bakery Salesmen's International Union of America, Local No. 371—President, F. Ayling, 845 Broadway West, Vancouver; Secretary, A. Granger, 1782 Fourth Avenue West, Vancouver. Meets second Monday at Labour Temple.

Barbers' International Union, Journeymen, Local No. 120—President, C. E. Herrett, 2124 Fourth

Avenue East, Vancouver; Secretary, W. R. Cornwall, 609 Robson Street, Vancouver.

Blacksmiths, Drop Forgers & Helpers, International Brotherhood of, Local No. 151—President, J. K. Russell, 667 Hornby Street, Vancouver; Recording Secretary, M. Porter, 4211 Oxford Street, Vancouver. Meets first and third Saturdays at Labour Temple.

Boilermakers, Iron Shipbuilders & Helpers of America, International Brotherhood of, Local No. 194—President, M. A. McEachern, 1245 Albernie Street, Vancouver; Secretary, A. Fraser, 1151 Howe Street, Vancouver. Meets first Monday and third Sunday at Labour Temple.

Bookbinders, International Brotherhood of, Local No. 105—President, R. D. Willoughby, 2104 Semlin Drive, Vancouver; Secretary, J. F. McConnell, 1044 Pacific Street, Vancouver. Meets third Wednesday at Labour Temple.

Boot & Shoe Workers' Union, Local No. 505—President, Walter T. Dunn, 2856 Thirteenth Avenue East, Vancouver; Secretary, Tom Cory, 445 Vernon Drive, Vancouver. Meets first Tuesday at Labour Temple.

Brewery, Flour, Cereal & Soft Drink Workers of America, International Union of, Local No. 281—Secretary, Wm. J. Conner, 1945 Broadway West, Vancouver.

Bricklayers, Masons & Plasterers' International Union of America, Local No. 1—President, L. Padgett, 2066 Eighth Avenue West, Vancouver; Secretary, Wm. S. Dagnall, Box 53, Vancouver. Meets second and fourth Wednesdays of each month at Labour Temple.

Bridge, Structural & Ornamental Iron Workers, International Association of, Local No. 97—President, James Hastings, Box 1196, Vancouver; Secretary, Roy Massecar, Box 1196, Vancouver.

Bridge, Structural & Ornamental Iron Workers, International Association of, Local No. 156—Secretary, W. F. Ironsides, P.O. Box 320, Vancouver.

Carpenters & Joiners of America, United Brotherhood of, Local No. 452—President, Murdo McKenzie, 208 Labour Temple, Vancouver; Secretary, W. Johnston, 208 Labour Temple, Vancouver. Meets second and fourth Mondays at Labour Temple.

Carpenters & Joiners of America, United Brotherhood of (Central Park), Local No. 2605—Secretary, J. Muirhead, Collingwood East P.O. Meets first Friday at 2592 Monmouth Avenue, Collingwood.

Carpenters & Joiners of America, United Brotherhood of (Vancouver and Vicinity), Local No. 1621—Recording Secretary, Murdo McDonald, 536 Eighteenth Avenue East, Vancouver; Financial Secretary, Jas. McAninich, 2841 Windsor Street, Vancouver. Meets second Friday at Labour Temple.

Carpenters & Joiners of America, United Brotherhood of, Local No. 2647—President, John Livingstone, 2210 Granville Street, Vancouver; Financial and Recording Secretary, W. Taylor, McKay P.O. Meets second and fourth Tuesdays at Labour Temple.

Cigarmakers' International Union of America, Local No. 357—President, Gabe Thomas, 418 Georgia Street, Vancouver; Secretary, J. Craig, 418 Georgia Street, Vancouver.

City Hall Employees' Association, Local No. 59 (chartered by Trades & Labour Congress of Canada)—President, H. Urquhart, 1145 Semlin Drive; Secretary, D. Dobson, 1550 Comox Street, Vancouver.

Civic Employees' Federal, Local No. 28 (chartered by Trades & Labour Congress of Canada)—President, J. White, 3344 Inverness Street, Vancouver; Secretary, G. Harrison, 1335 Woodlands Drive, Vancouver.

City Policemen, Local No. 12 (chartered by Trades & Labour Congress of Canada)—President, Roy Perry, Police Headquarters, Vancouver; Secretary, Alex. Murray, Police Headquarters, Vancouver.

Civic Employees, North Vancouver, Local No. 35 (chartered by Trades & Labour Congress of Canada)—Secretary, G. S. Jenkin, 153 Sixth Street West, Vancouver.

Deep Sea Fishermen's Union of the Pacific—Secretary, Russell Kearley, 437 Gore Avenue, Vancouver. Meets every Tuesday at 437 Gore Avenue.

Electric Workers, International Brotherhood of, Local No. 213—President, H. Woodside, 440 Pender Street West, Vancouver; Secretary, E. H. Morrison, 440 Pender Street West, Vancouver.

Engineers, Amalgamated Society of, Local No. 992 (England)—President, Thos. Fender, 612 Victoria Drive; Secretary, C. Hadaway, 2287 Eighth Avenue West, Vancouver.

Fire Fighters, International Association of (A.F. of L.), Local No. 18—President, Chas. P. Watson, No. 3 Fire Hall; Secretary, G. J. Richardson, No. 1 Fire Hall, Vancouver.

Fish Workers, Federal Union, Local No. 16438—Secretary, W. Ford, 642 Hastings Street East, Vancouver.

Garment Workers of America, United, Local No. 160—President, Mrs. H. Fern, Labour Temple; Recording Secretary, Miss Hawksworth, 3516 Fleming Street, Vancouver. Meets first Thursday at Labour Temple.

Gasworkers' Union—President, J. W. Friend, Gas Stores Building, 131 Keefer Street, Vancouver; Secretary, A. Watson, 1261 Twenty-eighth Avenue East, Vancouver. Meets second and fourth Wednesdays at 204 Labour Temple.

Hotel & Restaurant Employees' International Alliance, Local No. 28—President, J. Cummings, 614 Pender Street West, Vancouver; Secretary, A. Graham, 614 Pender Street West, Vancouver. Meets first Wednesday afternoon and second Wednesday evening of each month.

Hotel & Restaurant Employees' International Alliance, Local No. 676—President, G. L. Morrecy, 614 Pender Street West, Vancouver; Secretary, T. Y. Hanofin, Box 424, Vancouver. Meets first and third Sundays in each month.

Jewellery Workers' Union, International, Local No. 42—President, W. Wilson, 2239 Granville Street, Vancouver; Secretary, D. J. Snell, 916 Dunsmuir Street, Vancouver. Meets second and fourth Fridays at 205 Labour Temple.

Lathers, Wood, Wire & Metal International Union, Local No. 207—President, Sam White, 315 Holden Building, Vancouver; Secretary, A. Newman, 4760 Fleming Street, Vancouver. Meets first and third Fridays at 315 Holden Building.

Lithographers of America, Amalgamated, Local No. 36, Auxiliary—Secretary, G. H. Graham, 823 Richards Street, Vancouver.

Locomotive Engineers, Brotherhood of, Division No. 320—President, A. E. Solloway, 1033 Pacific Street, Vancouver; Secretary, H. E. Ferguson, 2230 Ontario Street, Vancouver. Meets second and fourth Tuesdays at I.O.O.F. Hall.

Locomotive Firemen & Enginemen, Brotherhood of, Local No. 656—President, D. Fraser, 1235 Hornby Street, Vancouver; Secretary, R. A. Brant, 34 Thirteenth Avenue East, Vancouver. Meets first and third Tuesdays of each month at Labour Temple.

Longshoremen's Association, International, Local No. 38-52—Secretary, T. Nixon, 804 Pender Street West, Vancouver; Business Agent, Peter Sinclair, 804 Pender Street West, Vancouver. Meets first and third Fridays of each month at 804 Pender Street West.

Labourers, Riggers & Fasteners' International Longshoremen's Association, Shipyard, Local No. 33 A3—President, 1747 Twenty-fourth Avenue East, Vancouver; Secretary and Business Agent, M. A. Phelps, Labour Temple, Vancouver. Meets second and fourth Fridays at Labour Temple.

Machinists, International Association of, Local No. 182—President, H. H. Miller, Labour Temple, Vancouver; Secretary, J. H. McVety, Labour Temple, Vancouver. Meets second and fourth Thursdays at Labour Temple.

Machinists, International Association of, Local No. 692—President, R. Thompson, Labour Temple; Secretary, Evan McMillan, 688 Thirtieth Avenue East, Vancouver. Meets second and fourth Tuesdays at Labour Temple.

Maintenance-of-way Employees & Railway Shop Labourers, United Brotherhood of, Local No. 167—President, J. T. Stewart, 2267 Seventh Avenue West, Vancouver; Secretary, A. D. McDonald, 547 Burrard Street, Vancouver. Meets third Thursday of each month at Labour Temple.

Meat Cutters & Butcher Workmen of North America, Amalgamated, Local No. 643—President, J. Stark, 587 Homer Street, Vancouver; Secretary, Thos. Anderson, 587 Homer Street, Vancouver. Meets first and third Tuesdays of each month at Labour Temple.

Moulders' Union of North America, International, Local No. 281—President, Thos. Tyson, 3625 Victoria Drive, Vancouver; Secretary, G. Annand, 1554 Fourth Avenue East, Vancouver. Meets first and third Fridays at Labour Temple.

Musicians, American Federation of (Musicians' Mutual Protective Association), Local No. 145—President, J. Bowyer, 310 London Building, Vancouver; Secretary, E. A. Jamieson, 310 London Building, Vancouver. Meets second Sunday at Labour Temple.

Painters, Decorators & Paperhangers of America, Brotherhood of, Local No. 138—President, H. Grand, Labour Temple; Secretary, S. Gould, 1420 Napier Street, Vancouver. Meets every Thursday at Labour Temple.

Pattern Makers' League of North America—President, Wm. Hunter, 318 Tenth Avenue North, Vancouver; Secretary, Jas. Russell, 928 Commercial Drive, Vancouver. Meets second and fourth Mondays at Labour Temple.

Photo Engravers' Union of North America, International (Auxiliary of Seattle Local)—Secretary, G. L. Edwards, c/o Cleland-Dibble Engraving Co., World Building, Vancouver.

Plasterers & Cement Finishers' International Association of the United States and Canada, Local No. 89—President, Wm. Dearson, 65 Eighth Avenue East, Vancouver; Secretary, Alf. Hurry, 861 Twenty-fourth Avenue East, South Vancouver.

Plumbers & Steam Fitters of the United States and Canada, United Association of, Local No. 170—President, F. Priestley, Box 1131, Vancouver; Secretary, F. W. Welsh, Box 1131, Vancouver. Meets second and fourth Fridays at Labour Temple.

Postal Workers, Amalgamated—President, J. B. Marshallsay, 2732 Fir Street, Vancouver; Secretary, G. E. James, 1348 Odlum Drive, Vancouver. Meets last Friday at Labour Temple.

Printing Pressmen & Assistants' Union of North America, International, Local No. 69—President, S. W. Myres, 388 Earls Road, South Vancouver; Secretary, E. B. Stephenson, Box 894, Vancouver. Meets second Tuesday of each month at Labour Temple.

Railroad Employees, Canadian Brotherhood of, Division No. 59 (chartered by Trades & Labour Congress of Canada)—President, A. N. Lowes, 5620 Sherbrooke Street, Vancouver; Financial Secretary, J. L. Howling, 1173 Hornby Street, Vancouver; Recording Secretary, Chas. Bird, 2030 Union Street, Vancouver. Meets second Sunday at 3 p.m. and fourth Tuesday at 8 p.m. at Labour Temple.

Railway Carmen of America, Brotherhood of, Local No. 58—Secretary, H. Brooks, 1362 Seventeenth Avenue East, Vancouver.

Railway Conductors of America, Order of, Division No. 267—Chief Conductor, L. A. S. Machin, 1350 Walnut Street, Kitsilano, Vancouver; Secretary, J. B. Physick, 1156 Thurlow Street, Vancouver. Meets fourth Thursday at O'Brien's Hall, corner Hastings and Homer Streets.

Railway Trainmen, Brotherhood of, Local No. 144—President, C. A. Mitchell, 1198 Eleventh Avenue East, Vancouver; Secretary, D. A. Munro, 636 Broadway East, Vancouver. Meets first Tuesday and third Sunday at I.O.O.F. Hall.

Retail Clerks' International Protective Association, Local No. 279—President, A. P. Glen, 1073 Melville Street, Vancouver; Secretary, E. F. Rae, 693 Fifty-third Avenue East, Vancouver. Meets first and third Tuesdays at No. 2 Eagle's Hall.

Sawmill Filers & Sawyers' Association—President, J. F. Murphy, 1342 Sixth Avenue West, Vancouver; Secretary, Geo. Gray, 1638 First Avenue East, Vancouver. Meets first and third Fridays at Labour Temple.

Seamen's Union of America, International (Marine Firemen & Oilers)—Secretary, Thos. Scott, 329 Columbia Avenue, Vancouver. Meets first and third Wednesdays.

Seamen's Union of America, International (Sailors' Union of the Pacific—Secretary, W. J. Mallard, 153 Cordova Street West, Vancouver.

Seamen's Union of America, International (Marine Cooks & Stewards)—Secretary, W. R. Field, 529 Richards Street, Vancouver.

Sheet Metal Workers' International Alliance, Amalgamated, Local No. 280—President, J. Fraser, 1650 Union Street, Vancouver; Secretary, H. Hartmire, 1225 Seventh Avenue West, Vancouver. Meets second and fourth Thursdays at Labour Temple.

Steam & Operating Engineers, International Union of, Local No. 620—President, F. Phillips, 620 Woodland Drive, Vancouver; Secretary, Andrew Russell, 1608 Union Street, Vancouver. Meets every Monday at Labour Temple.

Steam Shovel & Dredgemen, International Brotherhood of, Local No. 62—President, Dan Clark, Aldergrove; Secretary, G. D. Lamont, 95 Powell Street, Vancouver. Meets first Sunday of each month at Labour Temple.

Stereotypers and Electrotypers' Union, International, Local No. 88—President, Chris. Horne Wood, 595 Kingsway, Vancouver; Secretary, Chas. J. Crook, No. 9 Elcho Apartments, Vancouver. Meets second Monday of each month at Labour Temple.

Street & Electric Railway Employees of America, Amalgamated Association of, Division No. 101—President, R. Rigby; Business Agent and Secretary, W. H. Cottrell, 4308 Dumfries Street, on corner of Prior and Main Streets, Vancouver. Meets second and fourth Wednesdays of each month at Oddfellows' Hall, Main Street.

Switchmen's Union of North America, Local No. 111—President, J. B. Lee; Secretary, R. Clallender, 855 Eleventh Avenue East, Vancouver.

Tailors' Union of America, Journeymen, Local No. 174—President, J. T. Ellsworth, 207 Hastings Street West, Vancouver; Secretary, C. McDonald, Box 503, Vancouver. Meets first Monday at Labour Temple.

Teamsters and Chauffeurs, International Brotherhood of, Local No. 655—President, W. M. Brown, 141 Forty-ninth Avenue East, Vancouver; Secretary, B. Showler, 1120 Robson Street, Vancouver. Meets second and fourth Wednesdays at Labour Temple.

Telephone Operators' International, Local No. 77A—President, Mrs. Hayes, 640 Pender Street West, Vancouver; Secretary and Business Agent, Miss Molyneaux, 640 Pender Street West. Meets every Thursday at 640 Pender Street West, Vancouver.

Theatrical Stage Employees and Moving Picture Machine Operators of the United States and Canada, International Alliance of, Local No. 118—Secretary, W. J. Park, P.O. Box 711, Vancouver.

Theatrical Stage Employees and Moving Picture Machine Operators of the United States and Canada, International Alliance of, Local No. 348—President, A. O. Hansen, St. Helen Rooms; Secretary, R. G. Pollock, 2325 Brunswick Street, Vancouver.

Typographical Union, International, Local No. 226—President, W. S. Thompson, Labour Temple, Vancouver; Secretary, R. H. Neelands, Box 66, Vancouver. Meets last Sunday at Labour Temple.

Vernon.

Typographical Union, International, Local No. 541—President, G. Truxler, Vernon; Secretary, H. E. Arnold, Box 541, Vernon. Meets at Vernon.

Victoria.

Bakery & Confectionery Workers' International Union of America, Local No. 243—President, F. A. Graham, 17 May Street, Victoria; Secretary, Harry Jacques, 5 Central Park Apartments, Victoria. Meets third Tuesday of each month at Labour Hall.

Barbers' International Union, Journeymen, Local No. 372—President, J. L. Blackeney, 1322 Government Street, Victoria; Secretary, G. W. Wood, 1307 Government Street, Victoria. Meets fourth Monday over Tighe & Wheeler's Restaurant, Yates Street.

Blacksmiths, Drop Forgers & Helpers, International Brotherhood of, Local No. 312—President, S. F. Mitchell, 853 Church Road, Oak Bay, Victoria; Secretary, F. Morrison, 2740 Avebury Avenue, Victoria. Meets first and third Wednesdays at A.O.F. Hall, Broad Street.

Boilermakers, Iron Shipbuilders & Helpers of America, International Brotherhood of, Local No. 191—President, T. Williams, Esquimalt; Secretary, G. Penketh, 2517 Blanshard Street, Victoria. Meets second and fourth Tuesdays at K. of P. Hall, North Park Street.

Bookbinders, International Brotherhood of, Local No. 147—President, G. Low, General Delivery, Victoria; Secretary, Miss E. E. Harte, 460 Stannard Avenue, Victoria. Meets fourth Friday of each month at K. of C. Hall.

Brewery, Flour, Cereal & Soft Drink Workers of America, International Union of United, Local —Secretary, W. E. Bryan, 2642 Scott Street, Victoria.

Bricklayers, Masons & Plasterers' International Union of America, Local No. 2—President, Jas. Campbell, Victoria; Secretary, A. Riach, Florence Street, Willows, Victoria. Meets second Monday at K. of P. Hall.

Bridge, Structural & Ornamental Ironworkers, International Association of, Local No. 185—President, D. Kennedy, P.O. Box 236, Victoria; Secretary, A. M. Davis, P.O. Box 236, Victoria. Meets first and third Wednesdays at K. of P. Hall.

Carpenters & Joiners of America, United Brotherhood of, Local No. 2004—Recording Secretary, C. A. Post, 2570 Graham Street, Victoria; Financial Secretary, W. Sidwell, 2624 Quadra Street, Victoria. Meets first and third Thursdays at K. of P. Hall.

Carpenters & Joiners of America, United Brotherhood of, Local No. 2651—President, H. Starkey, 2488 Florence Street, Victoria; Recording Secretary, J. Ley, Box 770, Victoria. Meets second and fourth Thursdays at K. of P. Hall.

Carpenters & Joiners of America, United Brotherhood of, Local No. 1266—Recording Secretary, T. Bregden, 639 Constance Avenue, Esquimalt; Financial Secretary, W. D. Gruchy, 749 Fisgard Street, Victoria. Meets first and third Mondays at K. of P. Hall, North Park Street.

Carpenters & Joiners of America, United Brotherhood of, Local No. 1598—Recording Secretary, H. Hudson, 935 Fisgard Street, Victoria;

Financial Secretary, D. E. Russell, K. of P. Hall, Victoria. Meets second and fourth Mondays at K. of P. Hall.

Cigarmakers' International Union of America, Local No. 211—Secretary, G. Raabe, 813 Cormorant Street, Victoria.

Civic Employees, Local No. 50—President, J. Beyers, City Hall, Victoria; Secretary, Isaac Byers, 1700 Fort Street, Victoria. Meets second Wednesday of each month at Labour Hall.

Civic Firemen, Local No. 13—President, G. Dyer, No. 1 Fire Hall, Victoria; Secretary, H. Midley, Fire Department Headquarters, Victoria. Meets first Monday of each month at No. 1 Fire Hall.

Civil Service Association, Local No. 76—President, A. B. McNeil, Parliament Buildings, Victoria; Secretary, G. Pilmer, Parliament Buildings, Victoria. Meets at the call of the Executive.

Electrical Workers, International Brotherhood of, Local No. 239—President, J. Plant, 1743 Pembroke Street, Victoria; Secretary, W. Reid, 2736 Asquith Street, Victoria. Meets every Monday at I.O.O.F. Hall.

Engineers, International Union of Steam & Operating, Local No. 446—President, T. Carson, 3075 Washington Avenue, Victoria; Secretary, H. Huby, P.O. Box 92, Victoria. Meets second and fourth Tuesdays at K. of P. Hall.

Federal Labour Union, No. 15475—Secretary, John Hall, 3167 Rose Street, Victoria.

Garment Workers of America, United, Local No. 219—President, Miss L. Rainey; Corresponding Secretary, Miss L. Thompson, Mount Tolmie, Victoria; Financial Secretary, Miss Jennie Jones, 725 Vancouver Street, Victoria. Meets first Thursday of each month at A.O.F. Hall.

Gasworkers' Union of Victoria (no affiliations)—President, A. Durbridge, 1043 Topaz Avenue, Victoria; Secretary, J. Caterall, Francis Avenue, Victoria. Meets third Monday of each month at Labour Hall.

Hotel & Restaurant Employees' International Alliance, Local No. 459—President, A. Gordon, P.O. Box 14, Victoria; Secretary, J. Morgan, P.O. Box 14, Victoria. Meets first and third Tuesdays at Tighe & Wheeler's Hall, Yates Street.

Lithographers of America, Amalgamated, Local No. 36, Auxiliary—Secretary, A. Vivian, 2572 Belmont Avenue, Victoria.

Longshoremen's Association, International, Local No. 38-46—President, G. Padgett; Secretary, A. Varney, 4 De Cosmos Block, Government Street, Victoria. Meets first and third Thursdays at De Cosmos Block.

Machinists, International Association of, Local No. 456—President, J. Campbell, 2020 Fernwood Road, Victoria; Secretary, J. A. McDonald, 202 Montreal Street, Victoria. Meets first and third Thursdays at K. of P. Hall.

Moulders' Union of North America, International, Local No. 144—President, F. A. Rudd, 470 Constance Street, Esquimalt; Secretary, J. Dakers, Box 127, Victoria. Meets second and fourth Wednesdays at K. of P. Hall.

Musicians, American Federation of (Musicians' Mutual Protective Association), Local No. 247—President, Wilbur F. Jenkins; Secretary, L. O. Baird, 745 Mulberry Street, Victoria. Meets first Sunday of each month at Labour Hall.

Painters, Decorators & Paperhangers of America, Brotherhood of, Local No. 5—President, J. Philbrook, 428 John Street, Victoria; Secretary, J. Aspinall, De Cosmos Block, Victoria. Meets first and third Mondays at De Cosmos Block.

Pattern Makers' League of North America—President, J. L. Irving, Labour Temple, Victoria; Secretary, J. C. Corkle, 718 Esquimalt Road, Victoria. Meets fourth Thursday of each month at Labour Hall.

Photo Engravers' Union of North America, International (Auxiliary of Seattle Local)—Secretary, R. G. Thomson, c/o Times Engraving Department, Victoria.

Plasterers & Cement Finishers' International Association of the United States and Canada, Operative, Local No. 450—Secretary, C. Shaw, 756 Middleton Street, Victoria.

Plumbers & Steam Fitters of the United States and Canada, United Association of, Local No. 324—President, H. I. Mallett, 61 Oswego Street, Victoria; Secretary, G. Lidster, 410 Dupplin Road, Victoria. Meets second and fourth Tuesdays at Labour Hall.

Policemen's Federal Association, Local No. 24—President, T. Hall, Police Station, Victoria; Secretary, A. Bishop, 542 Langford Street, Victoria.

Postal Workers, Amalgamated, Local No. 134—President, T. Burk, Labour Hall, Victoria; Secretary, J. Curtis, Fisgard Street, Victoria. Meets first and third Thursdays at Labour Hall.

Printing Pressmen & Assistants' Union of North America, International, Local No. 79—President, W. T. Scott, 1603 Morrison Street, Victoria; Secretary, R. Malcolm, 1405 Grant Street, Victoria. Meets second Monday at Room 3 Labour Hall, North Park Street.

Railway Carmen of America, Brotherhood of, Local No. 50—President, A. Clunk, 506 Wilson Street, Victoria; Secretary, J. N. Harper, 645 Pine Street, Victoria. Meets third Thursday at K. of P. Hall.

Railway Trainmen, Brotherhood of, Local No. 613—President, W. R. Fletcher, Metropolis Hotel, Victoria; Secretary, F. W. Dibb, 845 Devonshire Road, Esquimalt. Meets second Tuesday and last Friday at A.O.F. Hall.

Retail Clerks' International Association, Local No. 604—President, J. Talbot, 1737 Baker Street, Victoria; Secretary, H. H. Hollins, 8 Arcade Building, Government Street, Victoria; Honorary Business Agent, E. S. Woodward, 8 Arcade Building, Government Street, Victoria. Meets first and third Tuesdays at I.O.O.F. Hall, Douglas Street.

Seamen's Union of America, International (Sailors' Union of the Pacific)—Secretary, J. Etchells, Room 11, De Cosmos Block, 1242 Government Street, Victoria. Meets every Monday at De Cosmos Block.

Sheet Metal Workers' International Alliance, Amalgamated, Local No. 134—President, T. Burk, Labour Hall, Victoria; Secretary, J. Curtis, Fisgard Street, Victoria. Meets first and third Thursdays at Labour Hall.

Street & Electric Railway Employees of America, Amalgamated Association of Division No. 109

—President, C. M. Cross; Secretary, P. C. Wallace, 1020 Empress Avenue, Victoria; Financial Secretary, R. A. C. Dewar, 1218 Johnson Street, Victoria. Meets first and third Tuesdays at corner of Broad and Yates Streets, Victoria.

Tailors' Union of America, Journeymen, Local No. 142—President, R. Kerr, Olive Street, Victoria. Meets first Tuesday of each month at Foresters' Hall.

Teamsters & Chauffeurs, International Brotherhood of General, Local No. 365—President, L. Smith, 21 Erie Street, Victoria; Secretary, J. Bowcott, 1510 Blanshard Street, Victoria. Meets first and third Mondays at K. of P. Hall.

Theatrical Stage Employees and Moving Picture Machine Operators of the United States and Canada, International Alliance of, Local No. 168—President, W. Campbell, P.O. Box 47, Victoria; Secretary, J. B. Whitfield, P.O. Box 47, Victoria. Meets first Thursday of each month at Labour Hall.

Typographical Union, International, Local No. 201—President, J. Chrow, 1030 Burdett Avenue, Victoria; Secretary, W. H. Ozard, Box 209, Victoria. Meets last Sunday of each month at K. of C. Hall.

Ymir.

Mine, Mill & Smelter Workers, International Union of, Local No. 85—Secretary, W. B. McIsaac, Box 506, Ymir.

TRADES AND LABOUR COUNCILS. (One Big Union.)

Prince Rupert—Secretary-Treasurer, D. S. Cameron, Box 217, Prince Rupert. Meets second and fourth Tuesdays at O.B.U. Hall.

Vancouver—President, V. R. Midgley, Labour Temple, Vancouver; Secretary, J. R. Campbell, Labour Temple, Vancouver. Meets first and third Thursdays at Labour Temple.

B.C. UNITS OF THE O.B.U.

British Columbia, General.

Fernie (Coal Miners' Unit)—Secretary, F. Brindley, Box 1047, Fernie.

Lund (Fishermen's Unit)—Secretary, E. Anderson, Lund.

Michel (Coal Miners' Unit)—Secretary, H. Beard, Box 36, Michel.

New Westminster (Port Mann Railway Workers)—Secretary, R. W. Houghton, 26 Alice Street, New Westminster.

Prince Rupert (Trades and Labour)—Secretary, D. S. Cameron, Box 217, Prince Rupert.

Victoria (Shipbuilders)—Secretary, J. Stevenson, 1424 Government Street, Victoria.

Lumber Workers' Unit.

Cranbrook—Secretary, G. H. Thompson, Box 18, Cranbrook.

Kamloops—Secretary, A. McKenzie, P.O. Box 812, Kamloops.

Nelson—Secretary, R. Barrow, Nelson.

Prince George—Secretary, T. Mace, Drawer 20, Prince George.

Prince Rupert—Secretary, J. H. Burrough, Box 833, Prince Rupert.

Princeton—Secretary, R. S. Baxter, Box "B," Princeton.

Vancouver (Headquarters)—Secretary, E. Winch, 61 Cordova Street West.

Metal Miners' Unit.

Goodwin Local Unit, Kimberley—Secretary, F. Atkinson, Kimberley.

Hedley Workers' Unit, Hedley—Secretary, T. R. Willey, Hedley.

Moyie Miners' Union—Secretary, T. Farrell, Moyie.

Nelson Local Unit—Secretary, R. Barrow, Madden House, Nelson.

Pritchard Local Unit, Hedley—Secretary, A. McVarnish, N.P. Mine, Hedley.

Rossland Local Unit—Secretary, G. Dingwall, Box 123, Rossland.

Sandon Miners' Unit—Secretary, J. M. Boates, Sandon.

Silverton Miners' Unit—Secretary, T. B. Roberts, Box 85, Silverton.

Trail Mill & Smeltermen—Secretary, C. F. Campbell, Drawer 26, Trail.

Vancouver.

Construction Workers' Unit—Secretary, H. J. Pritchard, 152 Cordova Street East.

Engineers & Millmen's Unit—Secretary, W. A. Alexander, Labour Temple.

Food Supply & General Workers' Unit—Secretary, J. A. Wood, 210 Labour Temple.

Laundry & Factory Workers' Unit—Secretary, E. Levy, 218 Labour Temple.

Marine Firemen & Oilers' Unit—Secretary, E. King, 314 Cordova Street West.

Oil Refinery Workers' Unit, Ioco—Secretary, E. J. Miller, Ioco.

Pile Drivers & Wooden Bridgemen's Unit—Secretary, T. H. Hewitt, 210 Labour Temple.

Transport Unit—Secretary, C. A. Reid, 152 Cordova Street East.

Vancouver Island Units.

Cumberland—Secretary, J. Naylor, Cumberland.

Nanaimo Coal Miners' Unit—Secretary, A. Dean, Nanaimo.

South Wellington—Secretary, J. Bateman, South Wellington.

STRIKES IN BRITISH COLUMBIA DURING 1919.

JANUARY.

Printers, Vancouver.—Fifty-two printers in Vancouver struck on January 2nd for increased wages, which were granted, and work was resumed on January 8th.

Lighthouse Tenders, Victoria.—A request for increased wages not having been acceded to, thirty-one lighthouse tenders in the Victoria District struck work on January 3rd. Negotiations followed and an increase was agreed to, the men resuming work on January 17th.

FEBRUARY.

Wireless Telegraph Operators, Vancouver.—Ten men struck on January 30th for increased wages. Negotiations followed and a partial increase was granted, work being resumed on February 5th.

School-teachers, Victoria.—The newly elected Board of School Trustees having declined to put into force a schedule which had been recommended for favourable consideration by the retiring Board, which involved an increase of 8 per cent. over the expenditure of 1918, the teachers demanded an increase of 10 per cent. from January to June, 1919, and the adoption of an amended schedule as from September 1st. This the Board declined to grant and offered a bonus of 5 per cent., which in turn was not agreed to by the teachers, who went on strike on February 10th at 10 a.m. The number of teachers affected by the strike was 36 males and 127 females. On February 11th both sides to the dispute agreed to submit the question to the Minister of Education for arbitration, and on the 12th the teachers returned to their duties. Later it was found that such an arbitration was illegal, and settlement was reached between the parties direct, whereby the 10-per-cent. increase was granted on all salaries except those of recent appointment to the city staff, and a schedule to come into force on September 1st was mutually agreed upon.

Truckers and Cereal-workers, Brackman-Ker Mills, Victoria.—On February 24th the machinemen, truckers, warehousemen, etc., employed by the above firm struck work to enforce their demand for a forty-seven-hour week and a minimum wage of 50 cents per hour. Twenty-five men, in all were affected. After several meetings between the representatives of the employers and the men, and a final conference at which all the men were present, a settlement was reached, and work was resumed on March 4th. By the terms of the settlement a fifty-hour week was to be worked, with a new scale of wages of 45 cents per hour for machinemen, and 43 cents for truckers, warehousemen, and other mill-workers.

Girl Telephone Operators, Chilliwack.—Six operators in the employ of the Chilliwack Telephone Company, Limited, had a difference with the company as to working-hours, and the managing director submitted a new schedule of hours of duty for the day shift. This, the girl operators contended, entailed an increase in their hours of labour. They refused to make any change from existing arrangements, whereupon on February 17th the management replaced them with other operators. Later one of the old operators re-entered the company's service. There was no stoppage of work.

Teamsters and Chauffeurs, Vancouver.—On February 27th, six of the members of the Teamsters and Chauffeurs' Union went on strike in Vancouver, complaint having been made that their employers had broken away from their agreement with the union calling for a closed shop. The men were absorbed into other positions and no formal settlement of the strike was effected.

MARCH.

Oriental Shingle Sawyers and Packers.—On March 1st the Oriental shingle sawyers and packers engaged in the shingle-mills throughout the Province, numbering in all about 1,200 men, went on strike against a reduction in wages. After remaining out until April 15th to 19th the men returned to work at the old rate.

General Metal Trades Strike, Victoria.—A general strike of the members of the unions affiliated with the Victoria Metal Trades Council was precipitated by the action of the employers in the local machine-shops in refusing to accept the award made by Adjuster McDonald under the Robertson agreement. Under the terms of that agreement certain basic wage-rates were

decided upon by the representatives of the employers and the various trade-unions whose members were affected, to be effective in all British Columbia shipyards during the continuance of the War. Provision was also made that these basic rates should be adjusted every three months in accordance with the rise in the cost of living, the figures given in the official *Labour Gazette* being taken as the basis for such adjustment. Mr. McDonald, the adjuster appointed for the purpose by the Dominion Government, handed down his first award, adding 2 cents per hour to the basic rates, as from September 1st, 1918, and a second award adding a further 2¾ cents per hour effective from December 1st, 1918. The figures given in the *Gazette* applying to articles of food only, Mr. McDonald had supplemented the information as to other items from other sources. The employers above referred to challenged the validity of this and declined to be governed by the award. A strike of 370 men was the result, the men leaving work at mid-day on March 5th. Through the mediation of Mr. Joshua Kingham, President of the Victoria Board of Trade, the employers on March 15th offered to accept the award and took the men back without discrimination. This offer was accepted by the men, and work was resumed on the evening of the 18th.

Shipyard-workers, Port Coquitlam.—Mr. W. L. McDonald, adjuster under the Robertson agreement, handed down an award effective as from March 1st, reducing the wage-rate 2 cents per hour. In the case of the Pacific Construction Company, Limited, the company had consistently declined to accept the 2¾-cent-advance which Mr. McDonald had awarded as from December 1st. When now they wished to give effect to the 2-cent reduction, the men, to the number of 250, refused to accept this, and struck work on March 21st. As the result of direct negotiation between the employers and the men, the company waived the reduction, and work was resumed on March 31st.

Lock-out at Ogden Point, Victoria.—The Foundation Company of British Columbia, Limited, having brought over eight foremen from the United States at the time of their taking over the plant of the Imperial Munitions Board at Ogden Point, representations were made to the Immigration authorities at Victoria by a member of the Blacksmiths' Union that the immigration laws were being infringed. The imported men were given permission to remain in Canada pending an appeal to Ottawa, but they preferred to return to the United States forthwith. Thereupon the company closed the plant on March 24th and applied to the Dominion Government for permission to bring in the eight foremen they required. This was granted and the plant reopened on March 31st. About 128 men were affected by the lock-out.

Employees of Granby Consolidated Mining & Smelting Co., Anyox.—In view of the fall in the price of copper, the company proposed to revert to the sliding scale of wages in vogue prior to 1917, whereby wages rose and fell with alterations in the price of copper. They also offered a high-cost-of-living bonus of 50 cents per day and a sliding scale calculated to reduce the cost of board to workmen. By a close vote—the majority being nineteen only—the men rejected the proposal, but work did not stop until fire broke out at the works on March 2nd. When the necessary repairs were completed work was resumed. One thousand eight hundred men were affected.

APRIL.

Railroad-construction Labourers at Princeton.—Six hundred employees of Mr. W. P. Tierney, railroad contractor for the Kettle Valley Railway Company, left work on April 1st owing to a difference with the contractor as to rate of pay and working-hours for summer months. Before the fall of 1918 the pay had been 40 cents per hour for ten hours. During the short days of winter shorter time was worked, but the men received the same pay as for ten hours. In the spring the firm posted notices of a return to a ten-hour working-day at the previous summer's rate. The strike was the outcome of the men's decision to resist the demand. It lasted for over three months, during which time a representative of the Department of Labour twice visited the district and endeavoured to bring about a settlement. Finally the dispute was settled on the basis of 50 cents per hour for a nine-hour day, and work was resumed on July 12th.

Coach-cleaners, Great Northern Railway Co., Vancouver.—The railway company, in accordance with the ruling of the Railroad Administration of the United States, reduced the wage-rate of their coach-cleaners from 37 cents per hour to 32 cents per hour. The former rate had prevailed during the period of the war, when the work was performed by Chinese labourers. At the time of the reduction the Orientals had been replaced by returned soldiers. These latter

declined to accept the reduced rate and left the service of the company on April 4th. Seven men in all were affected.

Coopers, Vancouver.—On April 12th, at noon, five coopers in the employ of the Vancouver Cooperage Company went on strike to enforce recognition of their union by their employers. No formal settlement was effected.

Marine Engineers, Whaling-steamers, Victoria.—Sixteen marine engineers holding third- and fourth-class certificates presented a demand to the Consolidated Whaling Corporation, Limited, for an increase in wages which would bring their remuneration up to the rate paid engineers on vessels of American registry operated by the company—viz., $185 per month for chief engineer and $150 per month for second engineers. The company offered the same rates that had been paid in 1918—viz., $150 and $125 respectively. The men rejected this offer and struck on April 16th. The company, after declining to confer with the official of the National Association of Marine Engineers on the ground that at the time they struck the men did not belong to that organization, replaced the strikers by engineers holding first- and second-class certificates at rates of pay established for those grades, which were higher than the rates demanded by the strikers. The whaling-steamers proceeded to sea, as the requisite engineers were procured between April 26th and May 6th.

MAY.

Loggers and Railway Crews at Comox.—A strike began on May 1st, affecting 400 men, comprising loggers, railway crews, and railway maintenance crews employed by the Comox Logging & Railway Company. A waitress at one of the camps having been dismissed, some of the men demanded her reinstatement, and on this being refused went on strike and called upon the men of the other camps to join them. Later, demands were formulated for a shorter working-day and increased wages. About 130 men remained at work, and a dispute developed between these men and the strikers. The strike was settled by negotiations, better terms being granted, and full work was resumed on July 5th.

Firemen and Deckhands, New Westminster.—On May 26th, twelve firemen and deck-hands in the employ of the Dominion of Canada Public Works Department, engaged on the dredging fleet at New Westminster, went on strike as a protest against the tardiness with which the Civil Service Commission was dealing with the question of increased pay. Work was resumed on May 30th at noon on the understanding that the grievance would be taken under consideration.

Labourers and Construction-men, Kootenay District.—At intervals between May 28th and June 14th, the labourers, teamsters, pole-gangs, rockmen, and general labour used on pole-construction and clearing right-of-way in the employ of the West Kootenay Power and Light Company left the camps in Greenwood, McKinney, 1-Mile Creek, Fairview, Fairview Summit, and Cawston in support of their demand for better conditions. The men were members of the One Big Union, being organized immediately prior to the strike. No settlement was effected, the company deciding to close down the work entirely until such time as satisfactory arrangements with regard to labour could be made. One hundred and thirty-seven men were affected.

Paper-mill Workers, Powell River.—The members of the International Brotherhood of Pulp, Sulphite, and Paper Mill Workers, Local 76, and of the International Brotherhood of Paper Makers, Local 142, employed by the Powell River Company, Limited, at Powell River, demanded a closed-shop agreement and an advance in wages averaging about 10 per cent., to date back to July 1st, 1918. The company made counter propositions, including an offer to advance all wages 40 cents per day, effective immediately, but these were declined, and a strike involving 575 men was the result. The strike started on May 14th. On May 31st a compromise was agreed to, whereby the carpenters, millwrights, and other mechanics were raised to a rate of $6 per day. The skilled men on the paper-machines were advanced in rates ranging from 2½ to 11 cents per hour, and the balance of the workers received a straight advance of 5 cents per hour. Work was resumed on these conditions.

Painters, Paper-hangers, and Decorators, Vancouver.—On May 1st about 100 painters, paper-hangers, and decorators in Vancouver went on strike to enforce their demand for an advance of 50 cents per day. The master painters took the stand that under the agreement which they had with the union sixty days' notice of the demand for an advance should have been given, whereas in this case notice was only given on April 22nd of an advance which it was proposed should go into effect on May 1st. Several meetings were held, and the master painters at first

offered to give the advance after thirty days, and then to give it immediately, if they were reimbursed by the men in respect of work taken before May 1st. This, it was calculated, would mean a concession of $1 per month for four months. Neither offer was accepted, and the strike was not formally settled, but the firms in most cases took the men back into their employ at the advanced rate of pay.

Coal-miners and Mine-workers, Crowsnest Pass.—A general strike of miners and mine-workers was called on May 24th, affecting 1,461 men employed by the Crow's Nest Pass Coal Company, Limited, and other members of the Western Coal Operators' Association. Under the old agreement which was in force in District No. 18 all underground men worked eight hours daily, while most of the outside men worked nine hours, and in some cases ten or eleven hours. A new agreement was due to be drawn up when, on April 1st, the eight-hour-day law, applicable to employees of coal-mines in British Columbia, came into effect. Negotiations were opened to deal with the new situation, and these resulted in the issue of Order No. 124 by Mr. W. H. Armstrong, of Calgary, Director of Coal Operations under the Dominion Government. This order provided that the outside men should receive nine hours' pay for eight hours' work, thus lowering slightly the earnings of those men who, having hitherto worked ten or eleven hours a day, now had their working-hours reduced to eight per day.

The dispute came to a head over the demand that these men, whose working-time had been reduced by two or three hours daily, should receive the same pay as before. Neither side would give way, and the strike was called in accordance with the result of a ballot of the men. The strike was not authorized by the International Executive of the United Mine Workers of America, and it was claimed that the officers and men of District 18, U.M.W.A., were now in favour of the One Big Union.

Matters continued at a deadlock until July 28th, when a special commission of three, appointed by the International of U.M.W.A., made an inquiry, which resulted in the charter of District No. 18 being revoked. The International reorganized the district and issued orders directing the employees to resume work, the Armstrong order being accepted tentatively with a view to a new agreement being negotiated. By the end of August work was resumed in most of the mines.

While this dispute was on a few workers in other industries in Fernie went out on a sympathetic strike, but these stoppages lasted only a week or ten days.

Miners at Rossland.—The Consolidated Mining & Smelting Company of Canada decided to suspend shipments from Rossland owing to continued unprofitable conditions, and sixty miners lost employment in consequence. Prior to this a branch of the One Big Union had been established in the district, and there was a disposition on the part of some of the men to regard the action of the company as a lock-out, which, however, the company denied. Development-work was continued, over 100 men being employed. During the summer some of the men who had been laid off were taken back and others obtained work elsewhere.

JUNE.

General Strike, all Coast Cities and certain Lumber Camps in Interior.—This strike, by far the most serious economic disturbance which occurred in the Province during the year, was avowedly "sympathetic" in its origin, being initiated by a large number of trade-unions in Vancouver to demonstrate their unity with the workers already on strike at Winnipeg. The Winnipeg strike, it may be mentioned, began on May 10th, when the employees of three engineering or metal firms in that city left work. The dispute had reference to the subject of "collective bargaining" at these works, the employers contending that this term meant the bargaining by each firm with its own work-people collectively, which arrangement they were willing to accept; while the Metal Trades Council insisted that a bargain made between the collective employees of a concern and that concern should not stand as a bargain until it had been ratified by the Council itself. The strike, at first called affected only the three concerns directly involved, but a few days later, on May 15th, a general strike was declared in the City of Winnipeg. This strike lasted until June 26th, when most of the work-people affected returned to work on the promise by the Provincial Government of Manitoba of an inquiry into its causes and effects, and the metal and building trade strikes were ended about a week later. The strike was marked by occasional scenes of violence, leading to one fatality, and the arrest of several strike leaders.

The strikes in British Columbia, which were the "sympathetic" outcome of the events briefly detailed above, began with the calling of a general strike at Vancouver on June 3rd. This action was contrary to the instructions of the International officials of the several unions involved, and in certain cases those officials intervened successfully to bring about an early resumption of work. For the first few weeks, however, the tendency was for the number of unions and work-people affected to increase. Most of the labour organizations in Vancouver were involved in the strike, the exceptions being chiefly the Railroad Brotherhoods. In Victoria the strike was not called until June 23rd, and the response was not so general as in other cities, the street-car men, the electricians, telephone operators, and telegraphers being among the more important of those who remained at work. At Prince Rupert the general strike began on May 29th, and about the same time, or within a week or two afterwards, strikes broke out at a number of logging camps on the line of the Grand Trunk Pacific, increased wages being demanded. This demand was successful at one camp in Prince Rupert, but at most camps the men returned to work, after being out a few weeks, on the same terms as before.

A singular feature of the strike was its continuance in British Columbia for fully a week after the Winnipeg men had returned to work. Most of the strikers in this Province resumed work on July 4th, having been out just over a month. In the case of the British Columbia Telephone Company, certain complications arose with reference to the reinstatement of some of the supervisors in their former positions, and here the settlement was delayed until July 13th.

The companies and firms whose employees went on strike were asked to make returns to the Department, giving the number of employees on strike, the loss in wages, the loss in working-days, etc. This request was complied with by fifty-six firms in Vancouver, fourteen in Victoria, five in New Westminster, and six in Prince Rupert. The figures supplied by them show the following aggregates:—

Employees on strike—		
Vancouver		9,731
Victoria		4,811
New Westminster		67
Prince Rupert		230
		14,839
Wage loss—		
Vancouver	$	996,408 00
Victoria		145,628 87
New Westminster		3,605 43
Prince Rupert		46,368 00
	$	1,192,010 30
Working-days lost—		
Vancouver		233,736
Victoria		29,850
New Westminster		1,071
Prince Rupert		6,440
		271,097
Averages—		
Wage loss per employee	$	80.34
Days lost per employee		16.33
Daily wage of employees	$	4.91

Only thirty-nine firms, or rather less than one-half of those making returns, gave definite figures in response to an invitation to estimate the "amount of business in dollars approximately lost through the strike." Their estimates amounted to a total of $680,733.26. Many firms who did not mention a specific figure alluded to considerable losses, and probably the figure mentioned should be taken as only a fraction of the total loss of trade to the Province which the strike brought in its train.

With regard to the general effect of the strike, firms were asked to state how, in their opinion, it would affect their business, not merely while the strike was on, but for the rest of the year. The great majority of such firms took a serious view of the general situation. "The outstanding effect on business," wrote one large firm of employers, "is that the strike and labour

difficulties at Vancouver are the one most serious retarding influence on the industrial growth of Vancouver." "Stopping of production," writes another firm, "can only mean the loss of that much wealth and nothing can ever make it up." A firm of machinists thought that enterprise would be discouraged "until some guarantee is given that sympathetic strikes will not be called by unions." A comparatively new firm, employing nearly a hundred workers in a special line of manufacture, wrote: "We were behind on orders when strike commenced, and orders received during strike made conditions still worse. It is hard for us to obtain help; there is only a limited number of skilled workers here, and we practically employ all of them. The strike, of course, hurt us with our Prairie trade, because when they could not get our goods they naturally bought from competing firms elsewhere."

Further replies in a similar vein are summarized briefly as follows:—

"Has resulted in a loss of business, and prospects for balance of year poor." "The detrimental effect on business of this strike must be tremendous, as British Columbia has had so much labour trouble; it deters capital in both large and small projects from investing." "Set back six months." "Checks business for about three months." "Knocked business completely flat; will be felt for several months." "Strikers lose bonus." "Balance of 1919 business is practically shot to pieces." "Very serious effect, just when business looked more promising."

Some firms gave particulars as to the way in which it was anticipated trade would be diverted from British Columbia to other places as the result of the strike. "We shall probably lose some Alberta customers to Eastern houses," wrote one company. More definite was the statement of another firm: "To our knowledge we lost an opportunity of securing at least $10,000 of business, of which over 50 per cent. went out of the Province to Seattle. Buyers are generally placing as little work as possible in Vancouver owing to unsettled labour conditions." An engineering firm, after speaking of the loss of $8,000 worth of business, says: "The above business has been placed in Washington and has been lost to British Columbia."

Several returns were received from firms who took a more hopeful view of the prospect. "Think strike has cleared the air," writes a firm engaged in transport-work, and "general business should be better from now on." On the whole, the brightest picture is shown by a firm dealing extensively in gasolene, which states that there was a large increase in the consumption of that commodity during the strike—presumably an effect of the stoppage of the street-car service in Vancouver and neighbouring towns.

Seamen and Firemen on Whaling-steamers, Rose Harbour.—The seamen and firemen, numbering eighteen in all, engaged on the vessels of the Consolidated Whaling Corporation, Limited, attached to the Rose Harbour Whaling Station, went on strike on June 17th in response to orders from their organization. The movement was purely sympathetic with the Winnipeg situation and was in nowise connected with any local grievance. These men, it appeared, were on regular articles, and steps were taken to point out to them how their position was affected by their taking part in a strike. Thereupon they offered to return to work forthwith, providing certain Orientals working on some of the company's vessels were replaced by white men, and providing no discrimination was made against those who took part in the strike. To this the corporation agreed, and as a result work was resumed on June 21st.

JULY.

Plasterers, Victoria.—On July 22nd, at 10 a.m., fifteen men employed by the Foundation Company of British Columbia, Limited, in cementing the seams in the ships being built by the company went on strike to enforce their demand for higher wages. The men returned to work at the old rates on July 30th, 8 a.m.

AUGUST.

Loggers at North Vancouver.—This strike, affecting 120 loggers, bridgemen, donkey engineers and firemen, locomotive engineers and firemen, blacksmiths, cooks, etc., with the Capilano Timber Company, Limited, began after the refusal of the company to take back two men who had been discharged, and who were representatives of the Lumber Workers' Industrial Union. The union alleged discrimination. Several meetings were held without result, and the strike was still on in December.

Loggers, Jackson Bay.—Strike for increased wages, shorter hours, and better camp conditions commenced on August 15th. It was settled by negotiation, the demands being granted. Work was resumed on September 16th.

Loggers, Duncan Bay.—One hundred and forty men employed by the Merrill & Ring Lumber Company, Limited, struck work on August 6th, demanding an all-round improvement in camp conditions. The company agreed to make certain changes, but the strike was not called off until November 27th, a number of non-union men having been employed in the meantime.

Loggers, Beaver Creek.—Owing to the refusal of the Logging Company to engage men through the Loggers' Union, thirty-five loggers left work on August 30th. The settlement of the dispute was in the nature of a compromise, work being resumed after negotiations on October 3rd.

SEPTEMBER.

* *Metal-miners, etc., Kimberley.*—Two hundred and fifty men employed at the Sullivan and Tunes Mines and the North Star Mine at Kimberley went on strike on September 13th. The men, anticipating a reduction of 25 cents per day at the expiration of their existing arrangement on October 31st, put in a demand for a flat increase of wages of $1 daily. The employers refused this and also declined to negotiate with the O.B.U., in whose name the demand was made. A mass meeting of the miners was held, and a resolution passed declaring that they would not repudiate the O.B.U. The dispute was unsettled at the end of the year, though by that time it was reported that the majority of the men originally affected had left the district.

* *Loggers, Chase and Enderby.*—Sixty-five loggers employed by Adams River Lumber Company struck on September 18th, their demands being for an eight-hour day, with one way on company's time and one way on men's time; also better wages and camp conditions. The company met all demands with the exception of those relating to hours, and offered to compromise on these; but declined to recognize the O.B.U. Strike still unsettled late in December.

* With reference to the two strikes reported above, a somewhat unusual situation was created by the influx of workmen from other Provinces.

On November 13th the Department received a telegram from the secretary of the Lumber Workers' Industrial Union, stating that the Adams River Lumber Company was flooding the district of Chase with large numbers of men from the Prairie Provinces without informing them of labour troubles. The message added: "Men arriving in large numbers, many of them broke, and impossible to secure accommodation. Men are highly indignant and refuse to act as strike-breakers."

On the following day (November 14th) the Provincial Minister of Labour wired the Hon. G. D. Robertson, Minister of Labour, Ottawa, as follows:—

"I am advised that your Winnipeg Clearing-house is shipping men into British Columbia without reference to our local Government Bureaus. In particular men have been sent to Chase River, where there is a strike; to Hutton and to Kimberley. Fifty men sent to Chase refused to work on account of strike, and are now at Kamloops unemployed. We have thousands of men unemployed in this Province and protest strongly against policy of your Western Clearing-house."

In a covering letter quoting the two telegrams above mentioned, the Provincial Minister of Labour added:—

"It seems to me that, if there is to be co-operation between our Departments and efficiency in the carrying-on of our Employment Bureaus, there must be a change in the policy of sending men from the Prairies or elsewhere into this Province without consulting our employment service as to labour conditions here. There is general cause of apprehension that we will have serious conditions of unemployment, especially on the Coast in this Province this winter. This condition is made more serious because of the fact that many thousands of soldiers from Eastern Provinces have come to British Columbia and are now being employed here. We have felt it our duty to assist in every way in providing for the soldiers, but if, in addition to this, we are to be the recipient of the unemployed from the Prairie Provinces during the winter months, it will aggravate a serious situation."

A reply to this was forwarded from Ottawa on November 26th by Mr. F. A. Acland, Deputy Minister of Labour for the Dominion, giving the assurance of the Minister that "every effort is being made to prevent the employment service being exploited in the interests of unfair employers, or being used in any way to the disadvantage of a particular Province, or to the detriment of the public interest."

The letter also forwarded a memorandum describing "the steps taken in this particular case to prevent your Province receiving through the employment service workmen who are not needed

there," and added: "The Minister feels that you will agree that the employment services, in so far as they may be controlled by the Dominion, are not responsible for the condition you describe."

The memorandum of Mr. Acland, referred to in his letter, stated that no orders relating to British Columbia vacancies had been circulated in the Western Clearing-house Bulletin, but that some had been placed in other Provinces personally by British Columbia employers. Orders had been given that the employment service transportation rate could not be used to ship workers into any Province without the consent of the employment officials of that Province.

On December 1st information was received that returned soldiers were being shipped to Kimberley from a store at Saskatoon, the men being informed that there was no strike at Kimberley. A telegram of inquiry was forwarded by the Provincial Minister of Labour to Premier Martin, of Saskatchewan.

A reply was received from Premier Martin on December 3rd, stating that the person shipping the men was not connected with any employment service. This statement was amplified in a subsequent letter from the secretary of the Labour Bureau at Regina, who added that "any man sent by the Saskatchewan office will be notified of the strike and their introduction cards stamped accordingly."

Loggers, East Wellington.—One hundred and twenty-three men struck on September 23rd, demanding reinstatement of an employee and recognition of the union. The demands were refused by the company, and work was resumed on October 2nd.

Loggers, Comox.—This strike, begun on September 3rd, followed a demand for improved camp conditions and an increase in wages. Four hundred and twenty-nine men were affected. More favourable conditions were granted and the men returned to work on September 22nd.

Electrical Workers, Victoria.—This strike, begun on September 24th, was for an increased scale of wages on behalf of the electrical workers in the shipyards of Victoria. The dispute was settled by negotiation, work being resumed on October 7th, pending the submission of a new wage scale to all city shops.

OCTOBER.

Loggers, Hernando Island.—This was a dispute as to whether the men employed at the Campbell River Lumber Company's camp and working eight hours a day should go to and from their work in their own or in the company's time. The strike, which was called on October 11th, affected forty men. The latter made an attempt to settle in two weeks, but by that time the company had commenced the overhauling of their machinery, and decided not to start work again before the end of the year.

Loggers, near Porpoise Bay.—On October 16th the loggers at Walker's camp at Sechelt Inlet, near Porpoise Bay, went on strike, demanding the reinstatement of a man who had been discharged and the dismissal of the foreman who had discharged him. After a few days they came back, both men being retained in the company's service. On November 2nd the men demanded changes in the cook-house and dining-room. The company decided to close down temporarily. When a resumption was made a new crew of non-union men was taken on.

Loggers, Stay Bay.—The men here, to the number of twenty-four, demanded a reduction in working-hours on October 10th. The strike was unsuccessful, the men returning to work under the former conditions on November 6th.

NOVEMBER.

Loggers, Rock Bay.—This strike at the British Columbia Mills Timber & Trading Company, Rock Bay, which began on November 11th, affected sixty-five men of the Loggers' Union, the company resisting a demand by the men that their place should be made a "closed shop." No settlement was effected up to the end of the year.

Loggers, White Rock.—This strike for better working conditions, commencing October 10th, affected twenty-four men. It was settled by negotiation, work being resumed with conditions unaltered.

Loggers at Nimpkish Lake.—Two hundred men employed by the Nimpkish Timber Company struck work on November 22nd owing to the dismissal of three men by the company, reinstatement being demanded by the O.B.U. and refused. Charges were made of loafing on the one hand and discrimination on the other. The strike remained unsettled, but it was stated in December that non-union men were being taken on.

Railway Tie-makers, Sheraton.—One hundred men were involved in this dispute, which began on November 22nd, the demand of the strikers being for increased wages. At the end of the year the dispute was unsettled.

Tie-makers, Skidders, etc., Foreman.—Increased wages were demanded by the tie-makers, skidders, loaders, teamsters, etc., at Foreman, and a strike resulted, commencing on November 24th. After three days a settlement by negotiation was effected, the higher scale of wages being recognized. Seventy-five men were affected.

DECEMBER.

Miners at Stewart.—Employees of the Premier Gold Mining Company at Stewart, went on strike on December 22nd, demanding the discharge of Chinese cooks and the provision of a better quality of food. Attempts were made to settle the dispute, but the men complained that the management at the mine did not confirm an arrangement made by the company's representative at Prince Rupert. No news of a settlement had been received up to the end of the year.

REPORT OF THE MINIMUM WAGE BOARD OF B.C.

To the Honourable the Minister of Labour,
Province of British Columbia.

SIR,—We have the honour to present the second annual report of the Minimum Wage Board of British Columbia.

The first report covered a period during which only two Orders had been made, the first relative to the Mercantile Industry, and the second to Laundry, Dyeing, and Cleaning Establishments.

That only two Orders were made from the time of the appointment of the Board to the date of the submission of the first report was due to several causes. These included the enormous amount of preliminary detail work in establishing proper procedure and drafting such forms as would, in the opinion of the Board, bring in the necessary information and enable both employers and employees to supply the required material with as little trouble as possible. In addition to the necessary lapse of time before these forms could be returned to the Board, compiled and tabulated, further delay ensued on account of the prohibition of the holding of public meetings or gatherings owing to health conditions.

While details are confidential as concerning individual firms or employees, the returns were presented in summarized and tabulated form to the Conferences, in order that the members thereof may have before them a basis for estimating the cost of living and the wage proper in the occupation under consideration.

In all, ten Conferences have now been held, covering practically all the women employees coming under the provisions of the Act. In order to complete the cycle a Conference will probably be called to gather up and place under a definite Order all not otherwise covered; in other words, the now unclassified or miscellaneous occupations. It should be noted, however, that there are some groups to whom the Act specifically does not apply, such as fruit-pickers, farm-labourers, domestic servants, and their respective employers.

In April, 1919, Miss Mabel A. Cameron was appointed Secretary to the Board, with headquarters in the Department of Labour, Parliament Buildings, Victoria, and for the convenience of the public offices were opened a little later in Vancouver (Rooms 824-5, Vancouver Block), with Miss Margaret Sibbald in charge.

CONFERENCES AND WAGE ORDERS.

The following schedules show the place and date of each Conference, the respective conferees, the days on which the several Orders became effective, the wages set, the length of time allowed for inexperienced help to become proficient, and the maximum hours of labour permitted:—

Mercantile Industry.

This includes all establishments operated for the purpose of trade in the purchase or sale of any goods or merchandise, and includes the work of all female employees engaged therein on the sales force; the wrapping force; the auditing or check-inspection force; the shoppers' force in the mail-order department; the receiving, marking, and stock-room employees; sheet-music saleswomen; and those otherwise engaged in the sale, purchase, or distribution of any goods or merchandise.

Date of Conference: December 4th, 1918. Place of Conference: Vancouver, B.C. Date on which Order became effective: February 24th, 1919.

Conferees.—Employers: Chris. Spencer, H. T. Lockyer, and R. W. Wood. Employees: Miss Dunbar, Miss Howatt, and Mrs. Sutton (one employee not voting). Public: Rev. Wm. O'Boyle, Miss H. G. Stewart, and Mrs. J. A. Clark.

Minimum Wage.—Experienced workers 18 years of age or over: A weekly wage of not less than $12.75 for a week of 48 hours, and 26 9/16 cents per hour for additional work.

Girls under 18 years of age: A weekly wage of not less than $7.50 for first three months, $8 for second three months, $8.50 for third three months, $9 for fourth three months, $9.50 for fifth three months, $10 for sixth three months, $10.50 for seventh three months, $11 for eighth three months, and $12.75 thereafter.

Apprentices over 18 years of age: A weekly wage of not less than $9 for first three months, $10 for second three months, $11 for third three months, $12 for fourth three months, and $12.75 thereafter.

Laundry, Cleaning, and Dyeing Industries.

Date of Conference: December 18th, 1918. Place of Conference: Victoria, B.C. Date on which Order became effective: March 31st, 1919.

Conferees.—Employers: M. W. Graham, H. Barrett, and E. Granville. Employees: Mrs. Agnes Thexton, Miss Martha Dearman, and Mrs. Mary E. Laxton. Public: Rev. R. Connell, Mrs. F. C. Saunders, and Miss H. G. Stewart.

Minimum Wage.—Experienced workers 18 years of age or over: A weekly wage of not less than $13.50 a week of 48 hours.

Girls under 18 years of age: A weekly wage of not less than $8 for first four months, $8.50 for second four months, $9 for third four months, $10 for fourth four months, $11 for fifth four months, $12 for sixth four months, and $13.50 thereafter.

Apprentices over 18 years of age: A weekly wage of not less than $9 for the first four months, $10.50 for second four months, $12 for third four months, and $13.50 thereafter.

Public Housekeeping Occupation.

This includes the work of waitresses, attendants, housekeepers, janitresses, cooks, and kitchen help in restaurants, hotels, tea-rooms, ice-cream parlours, light-lunch stands, and other places where food is cooked, prepared, and served for which a charge is made; and the work of chambermaids in hotels, lodging-houses, and apartments where lodging is furnished, whether or not such establishments are operated independently or in connection with any other business; and the work of all female elevator operators.

Date of Conference: May 28th, 1919. Place of Conference: Vancouver, B.C. Date on which Order became effective: August 16th, 1919.

Conferees.—Employers: H. S. Stevenson, Geo. Smedley, and J. K. McKenzie. Employees: Miss Polly Brisbane, Miss Lillian McNiven, and Mrs. Molly Campbell. Public: Rev. Dr. R. Whittington, Mrs. M. G. Graves, and Mrs. Jeanne A. Robbins.

Minimum Wage.—Experienced workers 18 years of age or over: A weekly wage of not less than $14 for a week of 48 hours.

Girls under 18 years of age: A weekly wage of not less than $12 until girl is 18 years of age and $14 thereafter.

Apprentices over 18 years of age: No apprenticeship deemed to exist in this occupation. Licences may be issued at the discretion of the Board to the physically defective.

NOTE.—In emergency cases 52 hours a week may be worked. Time and one-half shall be paid for work in excess of 48 hours and up to 52 hours. When lodging is furnished, not more than $3 a week may be deducted for such lodging. When board or meals are furnished, not more than $5.25 a week may be deducted for a full week's board of 21 meals. A fraction of a week's board shall be computed upon a proportional basis. As elevator operators are required by law to pass an examination before running elevators, no apprenticeship is permitted under the Minimum Wage Order.

Office Occupation.

This includes the work of females employed as stenographers, book-keepers, typists, billing clerks, filing clerks, cashiers, cash-girls (not included in other Orders), checkers, invoicers, comptometer operators, auditors, attendants in physicians' and dentists' offices, and all kinds of clerical help.

Date of Conference: June 4th, 1919. Place of Conference: New Westminster, B.C. Date on which Order became effective: August 16th, 1919.

Conferees.—Employers: H. J. Scott, J. A. Walters, and F. T. Hill. Employees: Miss Emily Barlow, Miss Mayme E. Sinclair, and Mrs. Anita Shrapnell. Public: Mrs. T. A. Barnard, Mrs. Walter Smith, and Rev. R. W. Hibbert.

Minimum Wage.—Experienced workers 18 years of age or over: A weekly wage of not less than $15 for a week of 48 hours.

Girls under 18 years of age: A weekly wage of not less than $11 for first six months, $12 for second six months, $13 for third six months, $14 for fourth six months, and $15 thereafter.

Apprentices over 18 years of age: A weekly wage of not less than $11 for first three months, $12 for second three months, $13 for third three months, $14 for fourth three months, and $15 thereafter.

Manufacturing Industry.

This includes the work of females engaged in the making, preparing, altering, repairing, ornamenting, printing, finishing, packing, assembling the parts of, and adapting for use or sale any article or commodity, but excepting fish, fruit, and vegetable drying, canning, preserving, or packing.

Date of Conference: June 18th, 1919. Place of Conference: Vancouver, B.C. Date on which Order became effective: September 1st, 1919.

Conferees.—Employers: W. M. Ramsay, W. A. Ryrie, and W. A. Hunter. Employees: Miss Helena Gutteridge, Miss Amy L. Ferguson, and Mrs. Dorothy Hawkrigg. Public: Mrs. Wm. McConkey, Mrs. W. A. Clark, and Captain C. A. Whittaker.

Minimum Wage.—Experienced workers 18 years of age or over: A weekly wage of not less than $14 for a week of 48 hours.

Girls under 18 years of age and apprentices over 18 years of age: For wages, etc., for apprentices and those under 18 years of age *see* Order. (At the time of going to print the Board is holding meetings of employees and employers to secure information regarding learning periods and wage schedules for same.)

NOTE.—In any branch of the manufacturing industry in which apprentices are not usually employed an employer may employ an employee 18 years of age or over during the first three months of her employment at a minimum wage of $12 a week.

Personal Service Occupation.

This includes the work of females employed in manicuring, hairdressing, barbering, and other work of like nature, or employed as attendants at shooting-galleries and other public places of amusement, garages and gasolene service stations, or as drivers of motor-cars and other vehicles.

Date of Conference: July 3rd, 1919. Place of Conference: Victoria, B.C. Date on which Order became effective: September 15th, 1919.

Conferees.—Employers: Jas. Pilling, C. E. Denham, and Madame E. A. Humphreys. Employees: Miss Nettie Levy, Miss Lillian Allen, and Mrs. Caroline M. Cormier. Public: Miss Bertha Winn, Miss N. M. McKillican, and Archdeacon F. C. C. Heathcote.

Minimum Wage.—Experienced workers 18 years of age or over: A weekly wage of not less than $14.25 for a week of 48 hours.

Girls under 18 years of age: A weekly wage of not less than $10 for first six months, $11 for second six months, $12 for third six months, $13 for fourth six months, and $14.25 thereafter.

Apprentices over 18 years of age: No apprenticeship for attendants at shooting-galleries and other public places of amusement, garages and gasolene service stations, or for drivers of motor-cars and other vehicles. For remaining classes a weekly wage of not less than $10 for first three months, $11 for second three months, $12 for third three months, $13 for fourth three months, and $14.25 thereafter.

Ushers in theatres, music-halls, concert-rooms, lecture-halls, or the like—Ushers engaged after 6 p.m., on legal holidays, and for special matinees: A wage of not less than 30 cents an hour, with a minimum payment of 75 cents.

Ushers working more than 18 hours a week but not in excess of 36 hours a week: A weekly wage of not less than $10.80. (Ushers in this category may be employed only between the hours of 1.30 p.m. and 11 p.m.)

Ushers working in excess of 36 hours a week up to 48 hours a week: A weekly wage of not less than $14.25.

NOTE.—No distinction in wages to be made for ushers under 18 and over 18 years of age. No apprenticeship considered necessary for ushers.

Telephone and Telegraph Occupation.

This includes the work of all persons employed in connection with the operating of the various instruments, switchboards, and other mechanical appliances used in connection with

telephony and telegraphy, and shall also include the work of all persons employed in the business or industry of the operation of the telephone or telegraph systems who are not governed by any other Order of the Board.

Date of Conference: June 17th, 1919 (adjourned on account of strike to August 21st, 1919). Place of Conference: Vancouver, B.C. Date on which Order became effective: November 22nd, 1919.

Conferees.—Employers: Geo. H. Halse, C. H. Daniels, and Geo. H. Dobie. Employees: Miss Lillian Nevard, Miss Lillian McDaniels, and Mrs. J. P. Hayes. Public: Mrs. Peter McNaughton, Mrs. H. G. Taylor, and Rev. J. W. Weatherdon.

Minimum Wage (effective until April 5th, 1920).—Experienced workers 18 years of age or over: A weekly wage of not less than $15 for a week of 48 hours.

Girls under 18 years of age: A weekly wage of not less than $11 for first six months, $12 for second six months, $13 for third six months, $14 for fourth six months, and $15 thereafter.

Apprentices over 18 years of age: A weekly wage of not less than $11 for first six months, $12 for next three months, $13 for next three months, $14 for next three months, and $15 thereafter.

NOTE.—Except as hereinafter mentioned, the maximum hours of labour shall be not more than 8 hours in any one day nor more than 48 hours in any one week, and every employee shall have one full day off duty in every week. Where telephone and telegraph employees are customarily on duty between the hours of 10 p.m. and 8 a.m., 10 hours on duty shall be construed as the equivalent of 8 hours of work in computing the number of hours of employment a week. In cases where operators reside on the employer's premises, the employer shall not be prevented from making an arrangement with such employees to answer emergency calls between the hours of 10 p.m. and 8 a.m. In cases of emergency 52 hours a week may be worked. Time and one-half shall be paid for work in excess of 48 hours and up to 52 hours.

N.B.—*The above Order became null and void on and after April 5th, 1920, being superseded by the Order following.*

Question reopened and Conference reconvened on February 3rd and 4th, 1920, at Vancouver, B.C. New Order effective: April 5th, 1920.

Conferees.—Employers: C. H. Daniels, Geo. H. Halse, and P. H. Wilson. Employees: Mrs. J. P. Hayes, Miss Bessie Grossman (taken ill; replaced on second day by Miss Lillian Crawford), and Miss Lillian Nevard. Public: Mrs. Peter McNaughton, Mrs. H. G. Taylor, and Rev. J. W. Weatherdon.

It was resolved that the telephone occupation was one in which apprentices are not usually employed, and therefore wages were recommended for experienced and inexperienced workers.

Minimum Wage (effective from April 5th, 1920).—Experienced workers: A weekly wage of not less than $15 for a week of 48 hours.

Inexperienced workers: A weekly wage of not less than $11 for first three months, $12 for second three months, $13 for third three months, and $15 thereafter.

NOTE.—Except as hereinafter mentioned, the maximum hours of labour shall be not more than 8 hours in any one day nor more than 48 hours in any one week, and every employee shall have one full day off duty in every week. Where telephone and telegraph employees are customarily on duty between the hours of 10 p.m. and 8 a.m., 10 hours on duty shall be construed as the equivalent of 8 hours of work in computing the number of hours of employment a week. In cases where employees reside on the employer's premises, the employer shall not be prevented from making an arrangement with such employees to answer emergency calls between the hours of 10 p.m. and 8 a.m. In cases of emergency 56 hours a week may be worked. Time and one-half shall be paid for work in excess of 48 hours and up to 56 hours. The total number of inexperienced female employees shall not exceed 35 per cent. of the total number of females employed in any plant or establishment.

Fishing Industry.

This includes the work of females engaged in the washing, preparing, preserving, drying, curing, smoking, packing, or otherwise adapting for sale or use, or for shipment, any kind of fish, except in the case of canned fish.

Date of Conference: December 11th, 1919. Place of Conference: Vancouver, B.C. Date on which Order became effective: February 28th, 1920.

Conferees.—Employers: W. H. Barker, J. L. Beckwith, Peter Wallace, and Jas. E. Eckman. Employees: Mrs. Jacobson, Miss Mary Ford, Mrs. M. S. Patterson, and Mrs. Emery. Public: Rev. A. E. Cooke, Mrs. M. I. Norton, Mrs. John Forrester, and Mrs. Paul Smith.

Minimum Wage.—Experienced workers of any age: A weekly wage of not less than $15.50.

Inexperienced workers of any age: A weekly wage of not less than $12.75 for first four months, $13.75 for second four months, $14.75 for third four months, and $15.50 thereafter.

Fruit and Vegetable Industry.

This includes the work of females engaged in canning, preserving, drying, packing, or otherwise adapting for sale or use, any kind of fruit or vegetable.

Date of Conference: First session, December 17th, 1919; second session, December 19th, 1919. Place of Conference: First session, Kelowna, B.C.; second session, Vancouver, B.C. Date on which Order became effective: February 28th, 1920.

Conferees.—Employers: E. L. Cross, J. S. Reekie, and Harry Beach. Employees: Miss Ruth Blair, Mrs. A. Irwin, and Mrs. M. Paul. Public: Mrs. M. S. Cleland, Mrs. Paul Smith, and Professor E. Odlum.

Minimum Wage.—Experienced workers of any age: Not less than $14 a week of 48 hours; for work over 48 hours but not in excess of 60, not less than 30 cents an hour; for work in excess of 60 hours a week, not less than 45 cents an hour.

Inexperienced workers of any age: A weekly wage of not less than $10 for week of 48 hours for first month, $11 for week of 48 hours for second month, and $12 for week of 48 hours for third month.

NOTE.—Overtime work for inexperienced employees to be paid in same proportion to their wages as overtime payment for experienced employees. Work in excess of 48 hours a week allowed only during an emergency period of 90 days in any 12 months, or if the Board finds unusual conditions necessitate a longer period, it may, in its discretion, extend such emergency period.

PROVINCIAL STATUTES RE HOURS.

In connection with the hours, we beg to recall that until the "Minimum Wage Act" was amended (March 29th, 1919) this Board had no jurisdiction in this matter, and that we still have none where the provisions of the "Factories Act" or other Provincial Statutes govern.

The enactment of the amendments *re* hours and conditions of labour removed one of the greatest difficulties which confronted the Conference on the Mercantile Industry—namely, the fixing of a wage for a period of unstated hours. The wage adequate for fairly short and reasonable hours may be totally inadequate for longer hours if these leave the worker too exhausted to perform any personal duties which might assist in reducing her cost of living. For these and other reasons the necessity of such amendment is apparent. The Board, however, has realized that there is no power to issue obligatory Orders where such Orders would in any way conflict with statutory provisions, as in the laundry and dyeing occupations, many branches of the manufacturing industry, and also some of those in the fish and fruit industries.

WHY THE WAGE VARIES.

We beg to call your attention, sir, to the differing minimum wage ordered in various occupations and industries. Orders are based upon recommendations made to the Board after agreement reached by groups consisting of the most representative employers and employees in the occupation under consideration.

The method of estimating the cost of living and the adequate wage is set forth in sections 5, 6, 7, and 8 of the Act. In compliance with these, before any Order is issued a Conference is called, composed of an equal number of representatives of employers and employees engaged in the particular industry, together with a similar number of persons representing the public. For the purpose of assisting the conferees to arrive at an estimate upon which to base a recommendation, witnesses are called to present the views of the groups they represent, and any and all persons who have information of value are urged to appear and give the Conference the benefit of their knowledge.

The conferees, having agreed among themselves upon the minimum wage proper in the occupation or industry under their consideration, recommend a rate to the Board.

Since each Conference recommends the wage which it believes to be proper to its own particular industry quite independently of any recommendation made by any other Conference, it will be seen there is room for diversity of opinion. In other words, the actual minimum wage is not estimated by the Board, but by the Conference.

A further explanation is found in the fact that Conferences are not all held the same month. There is frequently considerable lapse of time between them, and the cost of living is ever changing, also due consideration is given as to whether the hours are short or the work light in certain occupations, and in others the hours long and the work exhausting.

ORDERS MAY BE REVISED.

The recommendations presented to the Board by a Conference may not be altered by the Board, but any or all of them may be approved or disapproved. In the latter case the question may be recommitted to the same or a new Conference. When issued, except in such cases as are definitely recommended by the Conference, Orders usually contain no clause as to duration, and the question is frequently asked if a certain minimum wage is permanent. So far only one Conference (the Mercantile) has presented resolutions containing a recommendation fixing a definite time for the continuation of an Order. Though an Order embodies such a clause, section 9 of the Act provides that upon petition of either employees or employers the Board may, in its discretion, reopen the question and reconvene the original Conference or call a new one. This gives the Orders an elasticity absolutely necessary at a time when prices and conditions are constantly fluctuating. If a decided variation in living expenses were revealed it would be the duty of the Board to take the necessary steps to have the wage adjusted to meet the new conditions. It is clear, therefore, that the length of time an Order remains in force is dependent upon the cost of living and various other factors.

BENEFITS DERIVED.

From the Orders which have been in effect long enough to make comparison the returns show that the fear expressed lest the minimum wage become the maximum has proved groundless, since more than an average of $2 a week per employee is being paid over and above the legal minimum.

The constantly reiterated assertion that a greater number of girls under eighteen years of age were being employed since the introduction of the minimum wage appears also to be disproved by a comparison of the returns, which indicates practically no change.

The veiled threat, voiced as an economic principle by some employers to their higher-salaried employees, and the belief of the latter, that if a minimum wage was established in their occupation it would necessarily tend to a levelling-down of the higher salaries is not borne out in reality, since a distinct increase is exhibited in the number of employees receiving the higher salaries.

A scrutiny of the returns reveals the pleasing fact that coupled with a general rise of wages there is a perceptible decrease in the hours of labour.

Minimum-wage legislation affects beneficially not only employees but employers, and this along lines not always foreseen. "Every employer who desires to be fair to his employees now knows that he is not being taken advantage of by a less competent or more greedy competitor who attempts to undersell him by forcing down the pay of employees." (M. B. Hammond, member of Industrial Commission of Ohio.)

Successful employers understand the advantages that accrue from a body of workers rendered cheerful and contented by good wages and conditions.

Since the introduction of minimum-wage legislation many employers with large staffs of workers, having come to a realization that an undue percentage of their help was below the proper economic standard of efficiency, have adopted better business methods. So soon as a minimum wage was ordered in their industry employers became more careful in the selection of new hands, and demanded greater efficiency not only from these, but from their executives and heads of departments. Where formerly an employee, untaught and unsupervised, was allowed to stagnate year after year at a small salary in an unimportant department, without the probability of advancement to act as incentive to better service, to-day, because she must be paid the minimum wage, she benefits in that the employer is stirred to a new investigation of his pay-roll. He soon perceives that an employee kept overlong performing trivial duties at a low wage is a dead-weight in the business.

To offset the increase in pay the foremen and forewomen and supervisors have to show better results in their departments. This brings double benefit to the employer. The dead-weight and those whose services cannot show a percentage of work or turnover greater than the wage they receive are either taught better methods, or forced by the danger of dismissal to take account of themselves, either do better, or, discovering that they are engaged in work to which they are unsuited and in which they can never expect to make a decent livelihood, turn their attention to something for which they are better qualified.

Because he could pay a low wage the neglect of this factor of the employer's operating expenses in the past was discouraging to many a promising girl, who early learned that her efforts passed unrecognized, with the ultimate result that one who might have become a good employee grew listless and indifferent.

INEFFICIENCY.

All the inefficiency is not confined to the employee. It exists fairly often in the office and management, and for the errors and mistakes originating there incompetent employers habitually endeavoured to recoup themselves by underpaying the workers.

Employers themselves capable, generally appreciate and understand competence in others. It is usually the incapable or unbusinesslike head of an establishment who undertakes the hopeless task of attempting to make his profit on the difference between what he does pay his working force and what he should pay them.

The statement is constantly made that under minimum-wage legislation only the competent can hope to earn a livelihood, and that the incompetent will be deprived of opportunity to obtain even the little they now receive. Convincing reply to this has been made by Bertha Bradley Warbasse in "The Survey." She remarks: "But obviously the places made vacant must and will be filled by workers competent to earn the minimum wage who were out of employment. That is, one class will be thrown out of work and two will benefit—the competent unemployed and the competent who are employed, but not receiving a living wage. . . . The unemployed in America are unemployed men. Is it not because a man demands a living wage? Because he personally tries to exact a minimum wage from an employer who finds it cheaper to get several girls at a less total cost and a larger total output?"

An undue proportion of learners or inexperienced workers placed on the pay-roll for the sake of a lower wage is not only unjust and cruel, but is a clear manifestation of inferior management and lack of executive ability.

APPRENTICESHIP.

Under the Act special licences may be issued to women and girls handicapped by physical defects and to "female apprentices in any occupation in which apprentices are usually employed. . . . The number of special licences shall not exceed in number one-seventh of the whole number of employees," or "where less than seven employees are employed one apprentice holding a special licence may be employed."

Orders made to provide for apprenticeship or learners' periods require careful consideration and many delicate questions arise. There easily may be abuse of the privilege if the door is too wide open; on the other hand, if the regulations are too drastic, young girls may be prevented from acquiring knowledge that would later enable them to earn a decent livelihood.

The word "apprenticeship" has been used so loosely and so vaguely that there is much misunderstanding in the public mind concerning its meaning and principles.

Carroll D. Wright, President of Clark College, Worcester, Mass., in his report to the Department of the Interior on "The Apprenticeship System in its Relation to Industrial Education (1908), stated: "The old legal indentures of 1840, and before, in England and America have very generally passed away in this country. In 1864, at a convention of employing printers, the apprenticeship system was generally spoken of as in disuse for twenty years; some insisted that it was entirely gone, and all writers and speakers of that period made similar statements."

The basic principle of apprenticeship—meaning thereby the old-fashioned apprenticeship—is a contract between employer and employee, fixed by indenture, the contract involving obligations on both sides. The master was bound to thoroughly train to his trade, the apprentice to give implicit obedience, and severe penalties attached for non-compliance on either side.

Sidney Webb asserts in *The Journal of Political Economy* that "When an employer, without imparting any adequate instruction in a skilled craft, gets his work done by boys and girls who

live with their parents and work practically for pocket-money, he is clearly receiving a subsidy or bounty, which gives his process an economic advantage over those worked by fully paid labour."

The whole matter of apprenticeship bristles with difficulties. Under our Act one of the first questions to be determined in each case is whether the occupation being dealt with is one in which "apprentices are usually employed."

The provisions in minimum-wage legislation dealing with apprenticeship, probationers' or learners' periods are frank admissions that a lower wage-rate should be permitted during such periods. It is not intended as a means of enabling the employer to evade the payment of a minimum wage, but is a just recognition of the employee's need for opportunity to learn and the employer's right to receive due consideration for such teaching.

To-day the complaint of employers is the great dearth of experienced workers. Some of this may be due to the desire to pay a low wage, but not all of it. It is probably a real difficulty in many cases. It is not reasonable to suppose that very many capable employers are so improvident as to be willing to overload their pay-rolls with incompetent help for the sake of saving wages.

The Board recently has made an effort to overcome this problem in those occupations in which apprentices are not usually employed by asking Conferences to decide whether a learner's period, or a period to gain experience, is necessary in the industry under consideration, and, if so, how long that period should be and what wage should be paid.

While this course may not have been contemplated by the framers of the Act, the Board has deemed it the only practical solution of a very perplexing problem.

How very real and widespread is this lack of competent workers is evidenced by the numerous theories and plans advanced by various cities and States to relieve the situation and to train young citizens in certain groups or trades and industries. Some of these schemes are still in the experimental stage. Technical, industrial, and vocational schools and classes and workmen's classes have all been advocated, and in some places established. Indisputably these—if well conducted—should offer good opportunity to gain general knowledge. The stumbling-block, however, as has been pointed out, may be for the young workman or woman to find sufficient time in which to attend such classes. Another vexed question is whether attendance should be voluntary or compulsory. In passing, it may be stated that some of the great railway and machine shops have developed very interesting and valuable instruction systems in their own trades and occupations along entirely new lines.

GIRLS UNDER EIGHTEEN.

Under the Act the minimum wage is held to apply to female employees eighteen years of age or over, since by section 11 the Board is specifically empowered to determine for girls under eighteen both wages and conditions of labour, and is authorized to issue obligatory Orders concerning the same.

The Board, finding that statements are continually made that since the introduction of the minimum wage women over eighteen years of age are being discharged in order to be replaced by younger girls, for whom a lower wage has been set, caused a survey to be made in one industry of which this allegation had been very definitely and persistently put forth. The actual figures revealed not only that the statement was unfounded, but that in reality there had been a very perceptible decline in the number of girls under eighteen years of age engaged in that particular class of work.

The question of wage schedules for girls under eighteen presents many difficulties. If the occupation is a simple one with little to learn and small hope of advancement, and entails physical or mental strain on the girls, it may be doubtful whether the employment of young girls should not be somewhat discouraged. Under such circumstances it may be wise to set the rates the same as or very little lower than those laid down for the older women, in the expectation that employers will prefer to engage the more mature help.

In determining the wages for young girls many complications arise. If a low standard is set, an inducement may be offered to the unfair employer to fill up his pay-roll with very young girls, with the temptation to discharge them when they attain the age at which they can demand the minimum wage. If, on the contrary, the rates for young girls are made too attractive,

mercenary parents are apt to remove children from school at the earliest possible date for the sake of the high wages.

Occasionally it is asserted with considerable vigour, but with lack of detail, that many girls have lost their positions owing to the Minimum Wage Orders. If this be true, their places would appear to have been taken by other workers, since there does not seem to be any great number of employers going out of business.

Investigation proves that a wage rising as experience is gained is more advantageous to both employer and employee, and the Board has adopted the policy of ordering such a wage for the young learner in preference to a fixed rate. Employers are more inclined to teach and promote when regular increases must be paid, and even though the youthful worker may have to begin with less than if the wage were stationary the prospect of a steady rise is conducive to better work.

CONFERENCES.

As each industry is taken up several characteristic objections to the establishment of a minimum wage are advanced with a regularity that indicates a want of healthy public sentiment among some employers.

The threat frequently made by employers that if compelled to pay a living wage to women and girls they will dismiss them and substitute Oriental labour presents so serious an aspect as to call for special comment. Apparently the eyes of employers are not open to the gravity of the situation. Carelessly or wilfully shutting their eyes to what is happening all around them, they overlook the fact that to the white employer of such labour comes the fatal day of retribution, when he wakes to find himself supplanted by the Oriental employer. Against such competitor, whose lower standards of living enable him to undersell, the white employer bitterly complains, blind to the fact that he has brought it upon himself.

The calamity of this whole condition is that so small a section of those vitally interested see clearly that the introduction of the Oriental worker inevitably means and carries with it the entry of the Oriental employer in the business whose methods he has been taught by the white employer, who thus breeds his own cheap competitors.

Many businesses, such as restaurants, hotels, groceries, dry-goods, fancy ware, and novelty shops, all show evidence of serious invasion of this sort.

The same danger is obvious in those occupations which have to do with the rich resources of our Province and in the fields of production material to our very life.

CONFERENCE PROBLEMS.

Since the publication of the first report Conferences have been held in the following occupations: Public housekeeping, office, manufacturing industry, personal service, telephone and telegraph (2), the fishing industry, and the fruit and vegetable industry. These were conducted along the same lines as the first two—namely the mercantile, and the laundry, dry-cleaning, and dyeing industry.

PUBLIC HOUSEKEEPING.

The third Conference dealt with what is called Public Housekeeping, which includes the work of waitresses, attendants, housekeepers, janitresses, cooks, and kitchen help in restaurants, hotels, tea-rooms, ice-cream parlours, light-lunch stands, and other places where food is cooked, prepared, and served for which a charge is made; and the work of chambermaids in hotels, lodging-houses, and apartments where lodging is furnished, whether or not such establishments are operated independently or in connection with any other business; and the work of all female elevator operators.

This was the first Conference held after the enactment of amendments to the Act giving the Board power to deal with the hours, thus obviating the complications which arose in the Mercantile Conference, where the Board, having no jurisdiction over hours, the Conference found it embarrassing to recommend a weekly wage not based upon stated hours. If $12.75 be a fair weekly minimum for, say forty-eight hours, can it be considered a reasonable rate for the fifty-six or, in some instances, seventy hours' work a week, which the Board discovered to prevail in some stores? The power to deal with the question of maximum hours much simplified the working of subsequent Conferences.

It has been our duty to endeavour to clear up some apparent confusion in the public mind between Conferences and meetings of the Board. Many times it is necessary to explain that a Conference is composed of a group of employers, employees, and representatives of the disinterested public, with some member of the Minimum Wage Board acting as Chairman, and guiding the mode of procedure, and exercising exclusive jurisdiction under the Act as to questions of the validity of the same and of the recommendations of the Conference.

Conferees themselves arrive at their own conclusions, and when they have come to an agreement make their recommendations to the Board. The Board itself, consisting of three members, at some later date holds a meeting to consider the recommendations, and disapproves or approves of the same, and in the latter case issues an obligatory Order in accordance therewith.

At the Conference on Public Housekeeping the much-debated subject of tips was discussed. Many of the girls claimed that waitresses alone receive anything worth mentioning in tips; chambermaids, they affirmed, occasionally received a small tip; elevator-girls practically never. These statements seem to agree with an investigation carried on by Miss Mortenson in the District of Columbia. She affirms that "It was found that the only group who received an appreciable amount in tips—the waitresses in restaurants—received much higher wages than did the groups who were not in a position to augment their earnings by this method. In general, it may be said that the low wages of women prevailing in hotels and restaurants in the District are not offset by tips."

After some discussion it was decided that tips should be eliminated entirely from consideration, it being held that they were a personal acknowledgment to the recipient regardless of the amount of wage paid by the employer. The question of hours was gone into exhaustively. It was finally settled that forty-eight hours should constitute a week, for which a wage of $14 would be set, but that in emergency fifty-two hours might be worked. Any time after forty-eight hours should be paid for at the rate of time and one-half.

One of the vital questions dealt with at this Conference was the amount it was fair for the employer to deduct from wages when board and room were supplied. For lodging the rate agreed to was $3 a week, and for board (twenty-one meals) $5.25, a fraction of a week's board to be computed upon a proportional basis. This recommendation has a special value, since those making it were employers and employees best qualified to arrive at a just decision, since they themselves were actually engaged in the business.

Many very able arguments were advanced on the employees' side in the effort to secure the passing of a resolution fixing eight hours as a day and six days in seven as a week. To this, however, general consent could not be secured.

OFFICE OCCUPATION.

This was defined as the work of females employed as stenographers, book-keepers, typists, billing clerks, filing clerks, cashiers, cash-girls (not included in other Orders), checkers, invoicers, comptometer operators, auditors, attendants in physicians' and dentists' offices, and all kinds of clerical work.

The cost-of-living estimates on this occasion were unusually well presented, the employees being office-women accustomed to business methods. Witnesses for the employees made little complaint of long hours, except in the smaller professional offices. They alleged that in these there is often little work, and that the long hours are due to an effort on the part of the employer to keep his office open and have the telephone answered from "early morn to dewy eve."

The question having been raised, both at the public hearing and at the Conference, as to whether the minimum wage and maximum hours as set by the Minimum Wage Board would apply to female employees in banks, the following resolution to the Board was unanimously carried:—

"Whereas it has been brought to the attention of this Conference here assembled that a doubt exists as to the powers of the Minimum Wage Board of British Columbia to apply the minimum wage and maximum hours of labour to female employees in chartered banks and their branches operating in this Province:

"Be it Resolved, That we, the aforementioned Conference, urge the Minimum Wage Board of British Columbia to make every effort possible to bring the banks under the provisions of the 'Minimum Wage Act' and the Orders and provisions made by the Minimum Wage Board in accordance with that Act."

The Board, later having sought legal advice on this question, has reason to believe that its jurisdiction may be disputed owing to the fact that the Dominion Government, in the "Banking Act," purports to grant boards of directors power to regulate salaries and conditions for all their employees. We assume, therefore, that it is owing to this that the bank authorities are paying little or no attention to Minimum Wage Orders.

TELEPHONE AND TELEGRAPH.

The first Conference in the above-mentioned industry was called for June 17th, 1919, but owing to the various strikes prevailing at that time and the difficulty of attendance of conferees and witnesses, whilst the public hearing opened as advertised, and after statements were taken from those witnesses who lived at a distance and would be unable to attend later, the hearing adjourned.

The Canadian Pacific Railway, through its solicitor, J. C. McMullen, K.C., stated at the hearing, and later in a letter to the Board, that in his opinion "A Provincial Legislature has no authority to fix a minimum wage to be paid by a Dominion railway." He added that probably none of their employees would be benefited by the Minimum Wage Order, and he so desired to put himself on record for the company.

Mr. Daniels, of the Great Northwestern Telegraph Company, took occasion to remark that his company did not take the same stand as the Canadian Pacific Railway, and that it was their policy always to abide by the laws and orders of the Province or State in which they were operating. The Conference then adjourned to meet again at the call of the Board.

The hearing in this occupation was resumed on August 21st, 1919. Hours and conditions proved the contentious subject and the wage less hard to decide.

After full discussion it was recommended that the minimum wage be $15, that six days constitute a week and eight hours a day, and every employee be entitled to one day off in seven. In emergency cases fifty-two hours a week might be worked, and overtime was to be paid for at the rate of time and one-half. Skilled relief operators were to be paid at the same rate, and when telephone or telegraph employees are customarily on duty between 10 p.m. and 8 a.m. ten hours were to be construed as the equivalent of eight.

Shortly after the Order came into effect the British Columbia Telephone Company, declaring themselves a public utility and unable to operate under these regulations, petitioned, in accordance with section 9 of the Act, for a reopening. The employees also being dissatisfied with the length of apprenticeship, the Board acceded to the petition and recommitted the whole question to the same Conference on February 3rd and 4th, 1920, at Vancouver. It was there unanimously declared that the telephone occupation was one in which apprentices were not usually employed. Therefore it was resolved to divide the telephone employees into experienced and inexperienced, to set the wage of the former at $15 regardless of age, and to limit the number of inexperienced both over and under eighteen years to 35 per cent. of the total number of female employees. At the same time the "inexperienced period" was lowered from fifteen months to nine months, and a schedule of wages recommended for the same. (*See* Order.)

Following the Conference on Public Housekeeping, the Board decided that Mrs. MacGill and Miss Cameron should proceed to investigate how some difficulties had been surmounted in the State of Washington. A list of the most complicated questions having been agreed upon, these were taken up with the Industrial Welfare Bureau of Washington at Olympia. Some of the vexing features of the mercantile industry were discussed in Seattle with Mr. B. C. Beck, of the Bon Marché. Miss Alice Lord, a member of the Seattle Hotel and Restaurant Employees' Union, also offered several helpful suggestions. In order to get the public point of view, expressions of opinion were sought from prominent social-service workers. Waiters, waitresses, chambermaids, shop-girls, elevator operators, foreladies, and heads of departments were also interviewed.

The Washington Industrial Welfare Commission very graciously furnished a number of schedules covering their apprenticeship Orders in a great variety of occupations. The fact was brought to light that several of the Industrial Welfare Commissions in many occupations place a limit of 25 per cent. of the combined number of minors and apprentices that may be employed in any establishment. This is not by Statute, but by order of the Commission.

The movement in favour of an eight-hour day and a six-day week is very strongly in evidence in the country to the south of us, and in this connection we may recall the statement made by Gide in his "Political Economy," in which he refutes the argument "that economic

solidarity, or rather the competition between nations, is so intense at the present day that it would be impossible for one country to shorten its working-day without finding itself at a dangerous disadvantage compared with the rest." He adds: "International regulation would no doubt be useful; but it must not be taken as a pretext by the different countries to justify their tardiness in taking the first step. Experience has shown that the nations advanced enough morally to limit the length of the working-day are also advanced enough industrially not to need to fear the competition of countries where the hours are long. Still, it is obviously preferable for countries which are practically at the same level of civilization to adopt the same regulations."

MANUFACTURING INDUSTRY.

The next Conference dealt with Manufacturing, which includes making, preparing, altering, repairing, ornamenting, printing, finishing, packing, assembling the parts of, and adapting for use or sale any article or commodity.

At this Conference the attention of the Board was drawn to the following resolution passed by a meeting of the British Columbia Branch of the Canadian Manufacturers' Association:—

"It was resolved that it would be detrimental to the industries of the Province to fix a higher minimum-wage rate than paid by competing Provinces."

The manufacturers claimed that as a whole they were not opposed to minimum-wage legislation. Their objections, they declared, were due to their inability to compete with the cheaper wage that they affirmed prevailed in Ontario, Quebec, and Manitoba. The inequality between Eastern and Western freight rates came in for severe criticism.

For the first time specific action was taken by the Conference concerning piece rates. They recommended a forty-four-hour week, except in emergency cases, when fifty-two hours might be allowed, and time and one-half to be paid after forty-four hours. The members of the Board expressed doubt as to their power to adopt and enforce such recommendation, since many manufacturing industries come under the provisions of the "Factories Act," and in such case the Provincial Statute would prevail over any order made by the Board.

In passing, it is of interest to note, one employer, Mr. G. Campbell, as a manufacturer, expressed himself at this Conference as much in favour of Government insurance against unemployment, sickness, and loss of time, part of which he stated he believed the employer ought to stand.

The Board accepted the recommendation fixing the minimum wage at $14, but the resolution concerning hours was necessarily not approved owing to conflict with the "Factories Act" already mentioned.

The question of apprenticeship in manufacturing is one beset with difficulty, as the occupations are many and varied. It includes such highly developed industries as tailoring, fur-sewing and dressmaking, millinery and bookbinding, and such simpler industries as paper-box making and candy and biscuit packing. This being the case, the Board has felt unable to apportion the length of time necessary to gain experience in the various divisions of this industry without securing much fuller information, so while the minimum wage of $14 is ordered for the experienced worker eighteen years of age or over, the Board intends to hold a series of meetings to discuss the matter of inexperienced workers, their learning periods and wages during same, in the various trades and industries under the head of manufacturing. These will be taken up either separately or in groups, and both employees and employers in the industry or group of industries under consideration will be invited to supply information and give their views. If necessary, these meetings may continue a month or six weeks or until such time as there is sufficient evidence to arrive at a fair and reasonable decision.

PERSONAL SERVICE OCCUPATION.

This was dealt with on July 3rd, 1919, in Victoria, and included those employed in manicuring, hairdressing, barbering, and work of like nature, and women employed as ushers in theatres, attendants at shooting-galleries and other public places of amusement, garages and gasolene service stations, or as drivers of motor-cars and other vehicles.

The Conference had proceeded but a short time when it was resolved to deal with theatre ushers separately. The wage recommended for employees coming within the personal service occupation (other than ushers) was $14.25 for a week of forty-eight hours. For ushers engaged after 6 p.m., on legal holidays, and for special matinees the rate was recommended as 30 cents

per hour, with no "call" less than 75 cents. The complaint as to the breaking in on both morning and afternoon hours without providing a full day's work or freeing the employee to obtain additional work brought out a recommendation that ushers working more than eighteen hours a week and not in excess of thirty-six hours should be paid $10.80 a week, and should be employed only between the hours of 1.30 p.m. and 11 p.m. For work in excess of thirty-six hours a week and up to forty-eight hours the wage was recommended at $14.25.

FISHING INDUSTRY.

The eighth Conference, held on December 11th, 1919, considered the Fishing Industry, which includes the work of females engaged in the washing, preparing, preserving, drying, curing, smoking, packing, or otherwise adapting for sale or use, or for shipment, any kind of fish, except in the case of canned fish.

This definition is not exactly as advertised. Early in the session a unanimous resolution was presented from the Conference to the Board recommending the exemption of fish-canning, particularly to meet the salmon-canning situation, in which the conditions of employment, owing to certain traditional, tribal habits of the Indians, may call for special regulation.

The theory was advanced by some witnesses that since the operations of some firms were carried on by Chinese and other Oriental contractors, therefore the women engaged in this work would not come under the minimum-wage regulations. The Board in reply explained that the minimum wage must be paid to all women in those industries in which obligatory Orders are made, and that the responsibility for complying with the law rests upon the firm.

A very interesting phase was the revelation of an important and growing industry for women in the rapid development of the fish curing, smoking, salting, and kippering lines. Originally taken up by women specially imported from the Old Country, they are introducing and teaching their methods to our own girls and women, some of whom have already become sufficiently expert to command good wages. While it is a trying occupation requiring skill and a somewhat lengthy learning period, it holds out a fair prospect in a not overcrowded occupation for strong and mature women. The hardships accompanying the work and the necessary dexterity and technical knowledge required account for this wage being set by unanimous agreement at $15.50 per week, the highest so far reached by any of our Conferences.

FRUIT AND VEGETABLE INDUSTRY.

The ninth Conference dealt with the Fruit and Vegetable Industry. Before this was held Mrs. MacGill and Mr. Mathews were appointed a special committee to make a survey of the fruit-packing establishments for the purpose of obtaining information and also to invite the co-operation of both employers and employees in the coming Conference. It is perhaps not necessary to recall that fruit-pickers and farm-labourers are specially exempted from the jurisdiction of the Board.

Mr. Mathews was unfortunately unable to leave Vancouver, and Mrs. MacGill was obliged to proceed alone. Upon her return she submitted a report, of which the following is a summary. On arrival at Penticton she was joined by Miss Jessie Sutherland, of the Department of Labour, and together they went through the Dominion Canneries and other establishments at Penticton, interviewed the managers, and talked to a number of the employees.

At Keremeos they visited several establishments, but not all, as some were found to employ Chinese only. Visits were also paid to Cawston, Peachland, and Kelowna. At the latter place a few boys were found employed in some plants.

At Naramata, besides the fruit-packing establishments, the dried and candied fruit industry being started by Mrs. M. B. Smith was inspected. In addition to the ordinary commercial dried peaches and apricots, a very attractive product was shown in the peeled, dried fruit, and candied fruit for the Christmas and gift trade. This may prove to be an industry which women with small capital investment may successfully undertake.

While in Vernon the matter of the minimum wage in the fruit and vegetable industry was discussed with Mr. Charles L. Lowe, Manager of the Okanagan United Fruit Growers, Limited, and Mr. R. M. Winslow, Secretary-Manager of the British Columbia Traffic and Credit Association.

Mr. Winslow urged that the Conference be held not too soon, and when asked to suggest a date said, "not until after October 20th at the earliest."

Personal business taking Mrs. McGill to Mission, several of the plants in this neighbourhood were visited and included in her report.

An innovation in conducting this Conference was the holding of meetings in two different parts of the Province. This was done in response to requests from employers and employees in the Okanagan Valley, urging the Board to sit not only in Vancouver, but also in Kelowna, this being, they believed, a central point to which witnesses in the valley could easily come. The conferees were to be the same at both places, but witnesses were to be called from the nearest points in each case.

On December 17th, 1919, three well-attended meetings were held at Kelowna, at which many from the surrounding districts presented their evidence and gave their views. As no recommendations were to be offered until the completion of the sessions, when all the witnesses were heard, the Conference adjourned the public hearing at Kelowna to meet again on December 19th at Vancouver. At the close of the public hearing formal recommendations were received.

Much debate took place regarding the length of time necessary to acquire sufficient experience to entitle an employee to a minimum wage in various departments of the work. It was practically agreed that a girl of average intelligence could learn to pack cherries in from one to two weeks; plums in one week; peaches about one month; and apples and pears in about two months; but that to become an all-round packer would require a whole season's employment in fruit-packing in order that each variety might be handled.

Both the employers and employees recognized the danger of too drastic prohibitive hours during the height of the various fruit seasons. The necessity of permitting longer hours at certain times apparently is not entirely due to the perishable nature of the product, but to warehouse limitations and car shortage. It was brought out that emergency periods arise constantly from about the end of June to about the middle of November, the peak being reached in August and September.

Piece-work rates played a large part in the Conference, and several employers learned for the first time that some of their competitors, apparently paying the same piece rates, were in reality not doing so, as much larger containers were being used. This was specially true in connection with tomatoes.

The lifting of boxes when filled appeared from the testimony to be much more efficiently handled in some establishments than in others, where employers did not recognize that there is not only loss of time during this operation, but that girls who do much or constant lifting cannot continue to work expeditiously.

At the Vancouver hearing, seemingly well-founded and alarming statements were made concerning a certain Coast plant in which it was alleged that Oriental women accompanied by exceedingly young children were admitted to work at 3 or 4 o'clock in the morning, and that some of these children were engaged in simple occupations in connection with the fruit and vegetables. There are two sinister features to this pernicious practice. One is the injurious effect upon the women and children so employed, and another that those admitted at such hours are favoured in having the first selection of the larger and more easily handled fruits and vegetables, thus making higher wages than later comers, who must handle the smaller and inferior materials.

Beside the usual recommendations, this Conference offered an additional one imploring the Board to make special provision, at its discretion, to lengthen the emergency period to provide for such extraordinary emergencies as sugar shortage.

Joint Pacific Coast Conference.

It was resolved at a meeting of the British Columbia Minimum Wage Board, held on September 8th, 1919, to accept the urgent invitation of the Oregon, Washington, and California Industrial Welfare Commissions to attend and take part in a Conference on the minimum-wage problem.

One of the most important questions to be discussed was the expediency of as close uniformity as possible in both wages and conditions on the Coast, since probably the cost of living is nearly the same. Unfortunately the Chairman, Mr. McNiven, was called to Ottawa, and stress of business prevented Mr. Mathews attending.

The Industrial Welfare Boards of Oregon, Washington, California, Massachusetts, and the Minimum Wage Board of British Columbia were represented, the latter by Mrs. MacGill.

The war emergency rate of $13.20 prevails in Washington for all industries, and California has recently amended her Orders, setting a uniform wage of $13.50, the only difference in scale

being in reality in the lengths of apprenticeship regarded as being necessary in some trades. This uniformity of rates between occupations and industries appears to prevent many of the difficulties with which our Board has to deal. Though the legal wage appears to have been arrived at much as ours is, since the wage is uniform in all occupations there is no complication *re* classification, and there is less controversy between employers and employees.

It was the consensus of opinion on this very involved matter that, if possible, under the present living conditions, the minimum wage for the Pacific Coast should be standardized.

The length of apprenticeship necessary in various trades and industries was debated at length. The American Boards held that a year is much too long in many occupations before the girl reaches the lowest living wage—the minimum. It was agreed that while in some trades, such as dressmaking and tailoring, though it undoubtedly required much longer than that to learn the business, it should not take a year before the girl was able to earn the minimum. California purposes to materially shorten her apprenticeship periods; Washington and Oregon have already done so. The delegates agreed that long apprenticeship should be permitted only in occupations leading to advancement.

Two other embarrassing problems were also discussed—viz., the short week or short hours, which at the minimum wage set for a full week do not produce a living wage, and the long day or week, which exhausts the worker.

California endeavours to cure both these evils with the same remedy. In the case of the short week or short day the rate is very much increased. The overlong day or week problem is met somewhat similarly; the rate, being fixed on a forty-eight-hour week or an eight hour-day, is much increased for work in excess of those hours. Any time after eight hours is time and a quarter, and any time after twelve hours double time.

Concerning the long hours and seven-day week in the fruit industry, it was interesting to find that California, the largest of the fruit-growing States, does not permit more than a six-day week, though Sunday need not necessarily be the day of rest in an emergency. Discussing the emergency needs in the fruit industry, California delegates stated that 85 per cent. of their fruit-crop is put up within seven weeks. Six weeks appeared to them ample for emergency allowance for long hours; this six weeks to be selected by the employers themselves.

Those who are not engaged full time at the minimum wage of $13.50 must be paid 35 cents an hour, so that on a seven-hour day, for example, if the employer desires to employ by the day it hardly pays him, as the rate is so much higher; he might better pay the full minimum for the week, unless, of course, he really has only a few hours' work. This also settles the problem of employers engaging by the day instead of the week.

Washington has dealt with the student nurses as follows: In the matter of hours they are limited to eight, except for six months during the course, when in order to follow a case to the end the limit is removed. It is held they are not professional women until they graduate. Extra hours are allowed in their third year and last from three to six months, but the limit is twelve hours a day even on this allowance.

It appears to be the general opinion that, in making any Orders concerning hours, professional help, such as executive heads of departments, head housekeepers, etc., in hotels should be excluded.

Many of the Commissioners spoke of the problem of the so-called school, such as those started by beauty-parlours and telephone companies to avoid payment of wages, or rather to postpone the wage-earning period. The test these Boards now apply is the sale of the product or of the service of the pupil to the public. In any case where the pupil's product is sold the employer is required to pay the minimum wage, whether this be the full rate or the proper apprenticeship rate; or in case of service, if the girl gives any service to the public, as, for example, in the shampoo or manicure departments, or works on the switchboard, she must be paid the wage ordered and proper in her class. The teacher must also submit a schedule for the approval of the Board.

On the question of women living at home, and so not necessarily self-supporting, or the reverse—women having dependents—California reported an interesting investigation made by the Retail Dealers' Association, when it was found that 77 per cent. of women working must do so to earn a living, and that a very large but unstated proportion of them had dependents.

A long discussion wherein developed much diversity of opinion took place *re* the exclusion of women from certain occupations. Finally all were willing to agree that women should be prohibited from engaging in such occupations as might produce injury to maternal functions.

Infractions and Complaints.

Under section 13 of the Act, the employee, if underpaid, or required or allowed to work for overlong hours, is provided with an effective weapon to enforce her rights, inasmuch as she is entitled to recover the difference between the minimum wage and the amount actually paid, together with solicitor's costs.

Many inquiries and requests for information come to the offices both in Victoria and Vancouver. In the matter of infractions, however, unfortunately the complaining employee frequently endeavours to make her grievance known as indefinitely as possible, apparently cherishing the vague hope that the wrong may be redressed without her being involved.

Not uncommonly alleged breaches of Orders are unfounded. Some of these accusations of illegal underpayment occasionally are made before an Order has come into force, or perhaps based on a misunderstanding as to classification.

While it is true the employee has her remedy under sections 13 and 14 of the Act, the members of the Board have endeavoured to assist in removing misconceptions, and in cases where fault exists, to straighten out the matter. In a number of cases employers have been sincerely under a misapprehension, and when their attention has been directed to the matter have not only righted the wrong condition, but made amends by paying arrears.

From time to time inquiries are made regarding the right of employers to supply meals to office help in hotels or to cooks in cafeterias and to deduct the price from the wages of the employee. The Board believes that sometimes this is justifiable, but only when the employee is willing to agree to such an arrangement. It is unsound in principle and unfair in practice to compel employees to accept meals or lodging as part payment if unwilling. On the other hand, there are some occupations in which meals naturally form part of the contract, and since in reality the employee could scarcely eat them elsewhere it would be unjust to eliminate their consideration.

In several cases allegations have been made that the Orders of the Board are not posted. As this is in direct contravention of section 8 of the Act, the offenders have been notified and instructed accordingly. Numerous assertions made to the Board that some firms worked longer hours than those apparently permitted by the Orders have made it necessary to explain that certain establishments are regulated by Dominion legislation, over which the Orders of the Board cannot take precedence.

A source of public dissatisfaction is the seeming violation of the provisions of the "Minimum Wage Act" or certain Orders of the Board by postal authorities and banks. Many times it is requisite to explain that this Board has been informed it has not control or jurisdiction over employees in such work.

In the course of various investigations we have become aware of the growth of a system of home-work, and in the near future some steps will probably have to be taken for the protection of a class that may easily become sweated. These employees are also subject to the Minimum Wage Orders, though some employers seem to be unaware of the fact.

A rather remarkable question has been raised once or twice as to whether a contract might be entered into with employees by which they would agree to accept less than the wage prescribed by the Orders of the Board. It would have seemed hardly credible that persons would be willing to knowingly enter into a contract to break the law had the question not been actually asked.

Before dismissing the subject of the cases dealt with during the year, the Board desires to emphasize the fact that in all cases the complainant has been protected, and any information furnished by either employer or employee has been regarded as strictly confidential.

It is disappointing and unfair to all, however, if after spending time and effort in attempting to adjust wages or hours, the employee entirely forgets the matter, and despite the reiterated request of the Board neglects to report whether the error has been corrected.

Under the Mercantile Order, which has been in effect for almost a year, various complaints have arisen. These have emanated from all over the Province. A violation of the Order has come under the notice of the Board in connection with payment of wages for long hours, employees being on duty actually selling for seventy-seven hours, and being paid only $12.75,

the wage proper for forty-eight hours. The Order contemplated that after forty-eight hours have been worked the employee is to be paid for extra hours. Arrears are collectable for non-compliance, and already some employees have so benefited. On the other hand, it is gratifying to note the number of employers who have shortened the working period to forty-four hours a week without a deduction.

The most noticeable violations under the Laundry Order were those where employers were paying the wage set for apprentices without having the necessary licences. When this happens the employer risks being sued for the full minimum wage, as the Act requires special licences for such cases.

In the Public Housekeeping Occupation cases have been dealt with in which elevator operators were not receiving the wage prescribed. The employers in all instances were eager to adjust the matter, and did so by paying the back wages and putting their employees on the proper scale for the future.

Several alleged violations by restaurant employers were reported in which waitresses were supposed to be working very much longer than allowed under the Order. These complaints were made by a third party, and when the girls themselves were interviewed they denied that this was the case. Often adjustments have been made in which too much was deducted for meals supplied.

At the time the Office Order became effective the wage ordered in this occupation was higher than any of those previously set, and probably for this reason many complaints of under-payment were lodged. Professional offices were charged with being offenders under this Order, but in several cases they corrected the error by paying the proper wage and arrears or shortening the hours worked and making the wage the correct one on a *pro rata* basis. It was discovered in this occupation that sometimes two employers were making use of the services of one employee, each paying her a wage less than the minimum, but the combined wage making a total equalling or exceeding the wage prescribed. The Board believes that in such cases a more satisfactory arrangement is for the girl to be carried on the books of one employer as getting the minimum, he to be responsible for the payment. Any arrangement can then be made by the employers themselves for such refund between themselves as they may agree upon. This course is suggested as a proper protection to employers in case of inspection of the books of either.

One or two insurance concerns with head offices outside the Province claimed the right to pay low salaries on the ground that the Board had no jurisdiction. As salary cheques were issued by the local offices and engagements made by the Provincial managers, the employees have been informed that in the opinion of the Board they can claim the protection of the Orders.

Troubles in the Personal Service Occupation have been along somewhat different lines than those above mentioned. It has been reported in some cases that if the girls were away for one day they were docked for one and a half day's pay, and at least two employees were dismissed without notice. In the latter case the remedy lies at law. Compared with the other occupations and industries, there are fewer firms coming under this classification, and in consequence difficulties have not been so numerous.

In the Manufacturing Industry, which covers many classes of work, the most frequent complaints have dealt with inexperienced help and are many times based upon wrong classification.

Employees in news-stands, cigar-stores, groceries, shops, laundries, offices, departmental stores, bakeries, confectionery establishments, and drug and stationery stores have all been assisted in securing back pay, their wages raised to the proper standard and their hours shortened, and difficulties and dissensions smoothed out with satisfaction to both sides.

INDUSTRIAL WELFARE WORK.

An encouraging sign of the times is the gradual evolution of business conscience as evidenced by the increase in industrial welfare work. In the days of old, the days of small local business, the employer or master gathered about him a little staff with whom he came in close personal contact. Then came the time of the huge amalgamations and corporations with boards of directors and managers unknown to and between whom and the workers stood an executive responsible to directors and shareholders for the production of greater and greater profits. This brought the loss of the pesonal equation with resulting discontent and unrest, fomented by belief on the part of employees that they were regarded as mere cogs in the machine.

To-day this phase is passing. The big companies begin to comprehend that no longer is labour a commodity to be trafficked in, but that an elemental essential to success is the creation and maintenance of human relations between themselves and their workers.

Whilst south of the geographical line highly developed departments of welfare work are rapidly spreading from business to business, it is encouraging to see the steady growth not only in sentiment but in practice on our own side. Several of our large firms and corporations now supply their employees with medical service, hot meals, recreation rooms and camps, rest-rooms, and other benefits, all factors tending to create community interest between employer and employee.

In conclusion, the Board desires to express its thanks for the courtesies and helpful co-operation extended by the members of the Industrial Welfare Boards and Commissions of Washington, Oregon, and California, and to all the conferees who have given of their time and ability at the various Conferences so far convened, many of them travelling a considerable distance to be present.

We have the honour to be, Sir,

Your obedient servants,

J. D. MCNIVEN, *Chairman.*
HELEN GREGORY MACGILL.
THOMAS MATHEWS.

APPENDIX TO REPORT OF MINIMUM WAGE BOARD.

COMPARATIVE STATEMENT BASED ON RETURNS FROM EMPLOYERS IN THE MERCANTILE INDUSTRY IN BRITISH COLUMBIA, SHOWING WEEKLY WAGES OF WOMEN EMPLOYEES.

	1918. Before Order became Effective.		1919. After Order became Effective.	
	No. of Women 18 Years of Age and over.	No. of Girls under 18 Years of Age.	No. of Women 18 Years of Age and over.	No. of Girls under 18 Years of Age.
Under $6.00 per week	3	42	.....	.....
$ 6.00 and under $ 7.00 per week	9	48	.....	.....
7.00 " 8.00 "	28	27	.....	70
8.00 " 9.00 "	113	37	.....	58
9.00 " 10.00 "	111	26	32	56
10.00 " 11.00 "	205	16	38	59
11.00 " 12.00 "	94	2	25	35
12.00 " 13.00 "	173	7	533	35
13.00 " 14.00 "	74	1	183	4
14.00 " 15.00 "	36	.....	97	2
15.00 " 16.00 "	90	1	209	3
16.00 " 17.00 "	41	.....	78	1
17.00 " 18.00 "	30	.....	53	.....
18.00 " 19.00 "	44	.....	58	.....
19.00 " 20.00 "	6	.....	3	.....
20.00 " 21.00 "	35	.....	48	.....
21.00 " 22.00 "	2	.....	5	.....
22.00 " 23.00 "	11	.....	18	.....
23.00 " 24.00 "	2	.....	3	.....
24.00 " 25.00 "	1	.....	5	.....
25.00 and over	21	.....	40	.....
Totals	1,129	207	1,428	323

GENERAL COMPARATIVE SUMMARY IN MERCANTILE INDUSTRY.

	1918.	1919.
Number of firms reporting	91	121
Average weekly wage—		
Women 18 years of age or over	$12.77	$14.67
Girls under 18 years of age	$7.80	$9.73
Percentage of workers under 18 years of age	15.49%	18.45%
Average hours worked per week	49.6	46.1

COMPARATIVE STATEMENT BASED ON RETURNS FROM EMPLOYERS IN THE LAUNDRY, CLEANING, AND DYEING INDUSTRY IN BRITISH COLUMBIA, SHOWING WEEKLY WAGES OF WOMEN EMPLOYEES.

	1918. Before Order became Effective.		1919. After Order became Effective.	
	No. of Women 18 Years of Age and over.	No. of Girls under 18 Years of Age.	No. of Women 18 Years of Age and over.	No. of Girl under 18 Years of Age.
Under $6.00 per week				
$ 6.00 and under $ 7.00 per week	2	4		
7.00 " 8.00 "	10	11		
8.00 " 9.00 "	32	28		6
9.00 " 10.00 "	37	11		15
10.00 " 11.00 "	53	20	4	15
11.00 " 12.00 "	34	2	1	15
12.00 " 13.00 "	50	12	19	13
13.00 " 14.00 "	32	5	174	9
14.00 " 15.00 "	26		55	
15.00 " 16.00 "	19		65	1
16.00 " 17.00 "	10		12	1
17.00 " 18.00 "	3		9	
18.00 " 19.00 "	2		12	
19.00 " 20.00 "			4	
20.00 " 21.00 "	2		4	
21.00 " 22.00 "			1	
22.00 " 23.00 "				
23.00 " 24.00 "				
24.00 " 25.00 "				
25.00 and over			1	
Totals	312	93	361	75

GENERAL COMPARATIVE SUMMARY IN LAUNDRY, CLEANING, AND DYEING INDUSTRY.

	1918.	1919.
Number of firms reporting	24	23
Average weekly wage—		
Women 18 years of age or over	$11.80	$14.48
Girls under 18 years of age	$9.69	$11.19
Percentage of workers under 18 years of age	23%	17%
Average hours worked per week	47.2	45.1

FURTHER STATISTICAL COMPARISON.

The investigations made by the Board preliminary to the first Conference held in 1918, which dealt with the Mercantile Industry, showed that the minimum wage paid in this occupation was $4 a week; the average weekly wage was $12.77 and the average number of hours worked per week 49.6. The legal minimum wage of $12.75 became effective on February 24th, 1919. Despite the fears expressed at the time it was set, that not only would the working-hours be longer, but the minimum would become the maximum, the tabulation of the pay-rolls made December, 1919, shows that the present average weekly wage is $14.67 and the average hours 46.1 per week, or about $1.92 more than the legal wage for 3.5 hours less. The returns in this occupation were taken during the Christmas season, and show for these weeks a very slight increase in the number of girl employees under eighteen years of age. This is explained by the entry into this occupation of many high school and university girls, who act as sales clerks in the various shops during the holiday season for the purpose of making a little money for the Christmas spending. That this apparent increase is probably a negligible factor is borne out by the fact that other occupations plainly show a decrease. There is also an increase in the number of girls and women employed in this occupation. A glance at the tabulated figures leads irresistibly to the conclusion that very many women workers in the Mercantile section have moved up to a higher rate of pay as compared with the previous year. This is most accen-

tuated, of course, in the case of women workers eighteen years of age or over. Of these, almost exactly one-half were receiving in 1918 less than $12 per week. The 1919 returns show only one in fifteen receiving less than $12, these consisting entirely of learners. There is a substantial increase—from 72 to 119—in the number receiving $20 weekly and over, and a still larger increase in those receiving from $15 to $20 per week, so that the tendency feared by some critics that there would be a levelling-down in the higher salaries is so far non-existent.

In the Laundry Industry the preliminary investigation showed the weekly minimum wage for experienced women over eighteen years of age to be $6 in 1918. The average weekly wage was $11.80 and the average hours 47.2 per week. The legal minimum wage of $13.50 became effective on March 31st 1919. The average wage rose to $14.48 and the hours fell to 45.1, showing an average of $2.68 more than that of the previous year for 2.1 hours less. An increased number of female employees is recorded, but there is a decrease in the number of girls under eighteen years of age. In this industry also the average wage is well above the minimum.

In the Public Housekeeping Occupation the preliminary investigation showed the minimum wage to be $5; the average was $14.23 and the hours worked 50.6 per week. The legal minimum wage was set at $14 and become effective on August 16th, 1919. After that date the average wage rose to $16.20 and 48.95 hours were worked, or $1.97 per week higher than the previous average and the hours 1.65 less weekly. Before the Minimum Wage Order came into force no less than 55 per cent. of the women eighteen years of age or over engaged in this occupation were receiving less than $14 a week. The proportion of those receiving $20 per week and over has risen from 4½ per cent. to nearly 13 per cent. Girls under eighteen years of age have also participated in the general rise in wages.

In the Office Occupation the minimum wage was $4 per week before any Order had been made. Investigation showed that previous to the Conference in 1919 the average wage was $17 a week and 43.7 hours were worked. The legal minimum wage was set at $15 and became effective on August 16th, 1919. From that date the average weekly wage rose to $18.24 and the hours worked fell to 43.6. There was a slight decrease in the number of employees and an increase of 0.52 per cent. of girls under eighteen years of age. Here again an increase is shown in the number receiving more than the minimum wage, and also in the number receiving more than $20 per week.

In the Manufacturing Industry the weekly minimum wage before the Conference in 1919 was as low as $1.50 in some occupations, and the average was $12.55 for 46.6 hours worked. The weekly minimum was set by the Order at $14 and became effective on September 1st, 1919. The average wage increased after that date to $15.13 and the hours worked were reduced to 45.9. The last investigation shows a decrease in the employment of girls under eighteen years of age and an increase in the whole number of females employed. Here again the number of women in the better-paid positions—i.e., those receiving more than the minimum wage—shows a large increase. Analysis of the returns in this occupation is incomplete, as the Board has not yet fully established the rates of pay for apprentices or for inexperienced workers, nor the period that may be allowed workers in these classes to become proficient. At the time of compiling this report these matters are still under advisement.

The remaining Orders issued by the Board during the year 1919 have not been in operation long enough to warrant comparisons being made.

CHAPTER 56.

AN ACT TO FIX A MINIMUM WAGE FOR WOMEN.

[*Consolidated for convenience only, March 31st, 1919.*]

HIS MAJESTY, by and with the advice and consent of the Legislative Assembly of the Province of British Columbia, enacts as follows:—

Short title.

1. This Act may be cited as the "Minimum Wage Act."

Interpretation.

2. In this Act the following expressions shall have the following meanings respectively:—

The term "employer" shall include every person, firm, or corporation, agent, manager, representative, contractor, sub-contractor, or principal, or other persons having control or direction of any employee in any trade, business, occupation, or calling, or responsible directly or indirectly for the wages of another:

The term "employee" shall include every female person who is in receipt of or entitled to any compensation for labour or services performed for any employer:

The term "wage" and "wages" shall include any compensation for labour or services, measured by time, piece, or otherwise:

The term "minimum wage" shall mean the amount of wages fixed by the Board:

The term "Board" shall mean the Minimum Wage Board constituted under the provisions of this Act.

Minimum Wage Board constituted.

3. For the purposes of administering and carrying out the provisions of this Act, there shall be in the Department of Labour of this Province a Board, to be called the "Minimum Wage Board," which shall consist of three members, one of whom shall be the Deputy Minister of Labour, who shall be Chairman of the Board, and the other members shall be appointed by and hold office during the pleasure of the Lieutenant-Governor in Council. One member of the Board shall be a woman. Two members of the Board shall constitute a quorum.

Provision for staff and expenses.

4. No member of the Board shall receive any salary as such. The Board may employ a secretary and such expert clerical and other assistants as may be necessary to carry out the purposes of this Act, who shall hold office during the pleasure of the Lieutenant-Governor in Council. All necessary expenses incurred by said Board shall be paid by the Department of Labour from the Consolidated Revenue Fund unless moneys have been appropriated by the Legislature for that purpose.

Duties and powers of Board.

5. It shall be the duty of the Board to ascertain the wages paid and the hours and conditions of labour and employment in the various occupations, trades, and industries in which females are employed in this Province, and to fix the minimum wage, the maximum hours, and such conditions of labour and employment as in the opinion of the Board seem necessary or expedient for the welfare of employees. The Board shall have full power and authority, either by any member of the Board or by any duly authorized representative, to inspect and examine any and all books, pay-rolls, and other records of any employer that in any way appertain to or have any bearing upon the question of wages, hours, or conditions of labour and employment of any employees, and to take extracts from or make copies of any entries in such books, pay-rolls, and records, and to require from any employer full and true statements of the wages paid to his employees and the hours and conditions of labour and employment of such employees. A register of the names, ages, and residence addresses of all employees shall be kept by employers.

Power to hold public meetings and inquiries.

6. The Board may from time to time hold public meetings at a time and place to be fixed by them, at which employers and employees and all persons interested may appear and be heard. For the purpose of obtaining information, the Board shall have the powers and authorities conferred by the "Public Inquiries Act" on a Commission issued or appointed by the Lieutenant-Governor in Council, and the provisions of that Act shall, mutatis mutandis, extend and apply to any inquiry held by the Board under this Act. All witnesses subpœnaed by the Board shall be paid the same witness fees and mileage as are now allowed by law to witnesses before the Supreme Court of British Columbia.

Conference to consider and recommend minimum wage, and maximum hours of labour.

7. If, after investigation, the Board shall find that in any occupation, trade, or industry the wages paid to employees are inadequate or the hours of labour are excessive, the Board is empowered to call a conference composed of an equal number of representatives of employers and employees in the occupation or industry in question, together with one or more disinterested persons representing the public; but the representatives of the public shall not exceed the number of representatives of either of the other parties; and a member of the Board shall be a member of such conference and chairman thereof. The Board may make rules and regulations governing the selection of representatives and the mode of procedure of said conference, and shall exercise exclusive jurisdiction over all questions arising as to the validity of the procedure and of the recommendations of said conference. On request of the Board, it shall be the duty of the conference to recommend to the Board an estimate of the minimum wage proper in the occupation or industry in question, and adequate to supply the necessary cost of living; and also, when so requested, to recommend the maximum hours of labour proper in the occupation or industry. The findings and recommendations of the conference shall be made a matter of record for the use of the Board.

Power of Board to approve recommendation of conference and make order fixing minimum wage, maximum hours and conditions of labour.

8. Upon the receipt of such recommendations from a conference, the Board shall review the same, and may approve any or all of such recommendations, or it may disapprove any or all of them and recommit the subject or the recommendations disapproved of to the same or a new conference. After such approval of the recommendations of a conference the Board shall issue an obligatory order specifying the minimum wage for employees in the occupation affected, and may also specify such maximum hours of labour and such conditions of labour and employment as are deemed necessary or expedient for the welfare of the employees. Such order shall become effective in sixty days from the date thereof, or if the Board shall find that unusual conditions necessitate a longer period, then the Board shall fix a later date on which such order shall become effective. Said order shall be published in one issue of the British Columbia Gazette at least thirty days before the same becomes effective. After such order is effective, it shall be unlawful for any employer in the occupation named in said order to employ or pay employees less than the minimum wage or to require or to permit employees to work for longer hours or under conditions of labour and employment contrary to the terms specified in said order. The Board shall send by mail, so far as practicable, to each employer in the occupation named a copy of said order, and each employer shall be required to post a copy of said order in each room in which employees affected by the order are employed.

Reconsideration of minimum wage upon petition.

9. After a minimum wage has been fixed by the Board in any occupation, upon petition of either employers or employees the Board may in its discretion reopen the question and reconvene the former conference or call a new one, and any recommendations made by such conference shall be dealt with by the Board in the same manner as the original recommendations of a conference.

Licences to women physically defective and apprentices, fixing special minimum wage.

10. (1.) In the case of women who are physically defective, and in case of female apprentices in any occupation in which apprentices are usually employed, the Board may in respect of any occupation as to which a minimum wage has been fixed issue to any such woman or apprentice a special licence authorizing her employment in that occupation at a minimum wage, to be fixed in the licence, less than the minimum wage fixed for that occupation. Such special licences shall be issued only in the discretion of the Board, and in cases where the Board is satisfied that the application therefor is made in good faith, and in the case of apprentices shall remain in force for such period as is fixed by the Board.

Employment of special licensees limited.

(2.) The number of employees holding special licences under this section employed in any plant or establishment shall not exceed in number one-seventh of the whole number of the employees in that plant or establishment: Provided, however, that in any plant or establishment, where less than seven employees are employed, one apprentice holding a special licence may be employed.

Inquiry into wages, etc., of girls under eighteen years of age.

11. The Board may at any time inquire into wages and conditions of labour of girls under eighteen years of age employed in any occupation in the Province and may determine wages and conditions of labour suitable for such girls. When the Board has made such determination in the cases of girls under eighteen years of age it may proceed to issue an obligatory order in the manner provided for in section 8 of this Act, and after such order is effective it shall be unlawful for any employer in said occupation to employ a girl under eighteen years of age for less wages or for longer hours than is specified for girls under eighteen years of age in said occupation, or under conditions of labour prohibited by the Board for said girls under eighteen years of age in its order.

Penalty for discrimination against employee taking part in investigations.

12. Any employer who discharges or in any other manner discriminates against any employee because such employee has testified or is about to testify, or because such employer believes that said employee may testify, in any investigation or proceedings relative to the enforcement of this Act shall be liable, upon summary conviction, to a penalty of not less than twenty-five dollars and not more than one hundred dollars.

Penalty for violation of Act.

13. Every employer who employs an employee for whom a minimum wage has been fixed under this Act, at less than the minimum wage, or who employs an employee for whom maximum hours of labour have been fixed under this Act, for longer hours than the maximum so fixed, or who neglects or fails to comply with any order made under this Act as to conditions of labour and employment, or who violates any provision of this Act, shall be liable, upon summary conviction, to a penalty of not less than twenty-five dollars and not more than one hundred dollars.

Employee entitled to recover full minimum wage.

14. If any employee is paid less than the minimum wage to which she is entitled under this Act, the said employee shall be entitled to recover from her employer, in a civil action, the balance between the amount of the minimum wage and the amount paid, together with costs and solicitors' fees, to be fixed by the Court.

Application of Act.

15. This Act shall not apply to farm-labourers, fruit-pickers, or domestic servants or their employers.

VICTORIA, B.C.:
Printed by WILLIAM H. CULLIN, Printer to the King's Most Excellent Majesty.
1920.

ESTIMATES

OF THE

REVENUE AND EXPENDITURE

OF

BRITISH COLUMBIA

FOR THE

FISCAL YEAR ENDING 31st MARCH

1921

PRINTED BY
AUTHORITY OF THE LEGISLATIVE ASSEMBLY.

VICTORIA, B.C.:
Printed by WILLIAM H. CULLIN, Printer to the King's Most Excellent Majesty.
1920.

ESTIMATED REVENUE

FOR THE

FISCAL YEAR ENDING 31ST MARCH, 1921

Estimated for Fiscal Year 1919-20.	SERVICE.		Fiscal Year. 1920-21.
	CURRENT ACCOUNT.		
	DEPARTMENT OF AGRICULTURE:		
$ 22,000 00	Horticultural Inspection Fees and Licences	$ 22,000 00	
31,000 00	Seed-grain Advances Refunds	23,000 00	
.....	Miscellaneous	.....	
$ 53,000 00			$ 45,000 00
	DEPARTMENT OF THE ATTORNEY-GENERAL:		
$ 35,000 00	Court Fees and Fines	$ 45,000 00	
1,500 00	Dog Licences	1,500 00	
.....	Fur Licences	75,000 00	
80,000 00	Game Licences	120,000 00	
75,000 00	"Insurance Act"—Licences, Taxes, and Fees	80,000 00	
50,000 00	Joint-stock Companies, etc.—Registration Fees	55,000 00	
10,000 00	Keep of Prisoners—Reimbursement	10,000 00	
200,000 00	Land Registry Fees	350,000 00	
60,000 00	Law Stamps	75,000 00	
250,000 00	"Motor-traffic Regulation Act"—Fees	650,000 00	
17,500 00	"Moving Pictures Act"—Fees	15,000 00	
25,000 00	"Prohibition Act"—Profit on Liquor sold	25,000 00	
7,500 00	Sheriffs' Fees	25,000 00	
20,000 00	Trade Licences	21,000 00	
1,500 00	Miscellaneous Receipts	5,000 00	
$ 833,000 00			1,552,500 00
	DEPARTMENT OF EDUCATION:		
$ 2,500 00	Teachers' Examinations and Certificates	$ 2,500 00	
1,000 00	Text-books sold	1,000 00	
.....	Technical Schools (Dominion Grant)	42,000 00	
$ 3,500 00			45,500 00
	DEPARTMENT OF FINANCE:		
	Dominion of Canada:		
$ 29,151 06	Annual Interest	$ 29,151 06	
180,000 00	Annual Subsidy	180,000 00	
313,984 00	Annual Grant *per Capita*	313,984 00	
100,000 00	Annual Grant for Lands conveyed	100,000 00	
$ 623,135 06	*Carried forward*	$ 623,135 06	$1,643,000 00

Estimated for Fiscal Year 1919-20.	SERVICE.		Fiscal Year. 1920-21.
	CURRENT ACCOUNT—*Continued.*		
$ 623,135 06	*Brought forward*	$ 623,135 06	$1,643,000 00
	DEPARTMENT OF FINANCE—*Continued.*		
220,000 00	Amusements Tickets Tax	280,000 00	
200,000 00	Coal and Coke Tax	185,000 00	
1,600,000 00	Income Tax	2,000,000 00	
	Interest:		
19,080 07	"Dyking Assessments Adjustment Act"	19,080 07	
210,000 00	Sinking Fund Investments	260,000 00	
75,000 00	Miscellaneous	450,000 00	
	Land Taxes:		
1,000,000 00	Real Property	1,115,000 00	
750,000 00	Wild Land, Coal and Timber Lands	980,000 00	
150,000 00	Mineral Tax	150,000 00	
750,000 00	Personal Property Tax	800,000 00	
250,000 00	Poll Tax	50,000 00	
75,000 00	Probate Fees	75,000 00	
	Rents:		
37,800 00	B.C. House, London, England	37,800 00	
200 00	Miscellaneous Rents	200 00	
4,500 00	Revenue Service Refunds	5,000 00	
.....	Rural District School Taxes	175,000 00	
300,000 00	Succession Duties	325,000 00	
60,000 00	Unworked Crown-granted Mineral Claims—Taxes	50,000 00	
33,500 00	Miscellaneous Receipts	53,500 00	
.....	Trust Deposits reverted to Crown, Intestate, 1897 to 1907	44,000 00	
.....	Trust Deposits reverted to Crown, Suitors' Funds, 1897 to 1907	12,000 00	
$6,358,215 13			7,689,715 13
	DEPARTMENT OF FISHERIES:		
$ 36,000 00	Fishing and Cannery Licences, etc.		36,000 00
	DEPARTMENT OF LANDS:		
$ 2,500 00	Grazing Rentals, Leases, and Fees	$ 19,000 00	
75,000 00	Land Revenues—Sundry	65,000 00	
50,000 00	Land Sales	150,000 00	
45,000 00	Log-scaling Fees	.....	
2,000 00	Survey Fees and Sale of Maps	10,000 00	
65,000 00	Timber Leases	65,000 00	
1,150,000 00	Timber Licences	2,200,000 00	
150,000 00	Timber Sales	350,000 00	
585,000 00	Timber Royalties	1,075,000 00	
55,000 00	Water Rentals and Recording Fees	60,000 00	
5,100 00	Miscellaneous Receipts	15,000 00	
$2,184,600 00			4,009,000 00
	DEPARTMENT OF LABOUR:		
$ 35,000 00	Dominion of Canada, Subvention		30,000 00
	Carried forward		$13,407,715 13

Estimated for Fiscal Year 1919-20.	SERVICE.		Fiscal Year, 1920-21.
	CURRENT ACCOUNT—*Continued.*		
	Brought forward		$13,407,715 13
	LEGISLATION:		
$ 2,000 00	Private Bills Fees		2,000 00
	DEPARTMENT OF MINES:		
$ 1,000 00	Bureau of Mines	$ 1,000 00	
57,000 00	Free Miners' Certificates	60,000 00	
1,000 00	Miners' Examinations and Certificates	1,000 00	
67,000 00	Mining Receipts, General	100,000 00	
$126,000 00			162,000 00
	DEPARTMENT OF THE PROVINCIAL SECRETARY:		
$ 5,000 00	Colony Farm	$ 15,000 00	
.....	Dominion Grant, Venereal Disease	14,480 00	
160,000 00	King's Printer	175,000 00	
14,000 00	Marriage Licences	14,000 00	
60,000 00	Mental Hospitals	80,000 00	
2,000 00	Notaries Public and Commissioners' Fees	3,500 00	
6,000 00	Provincial Home, Kamloops	1,300 00	
3,000 00	Vital Statistics, etc.	3,000 00	
1,175 00	Miscellaneous Receipts	350 00	
$ 251,175 00			306,630 00
	DEPARTMENT OF PUBLIC WORKS:		
$ 27,000 00	Boiler Inspections and Examination Fees	$ 27,000 00	
5,000 00	Electrical Energy Inspection	5,500 00	
25,000 00	Ferry Tolls	20,000 00	
4,000 00	Government Property sold	5,000 00	
5,000 00	Wharfage and Dock Dues	4,000 00	
.....	Miscellaneous Receipts	400 00	
$ 66,000 00			61,900 00
	DEPARTMENT OF RAILWAYS:		
$ 36,900 00	New Westminster Bridge—Tolls	$ 36,000 00	
.....	Miscellaneous Receipts	2,000 00	
$ 36,900 00			38,000 00
$9,985,390 13	Total Estimated Revenue for fiscal year 1920-21		$13,978,245 13

ESTIMATED EXPENDITURE

FOR THE

FISCAL YEAR ENDING 31ST MARCH, 1921

SUMMARY

Fiscal Year, 1919-20.						Fiscal Year, 1920-21.
Original Estimates approved by Legislature.	Increased under "Civil Service Act" and Special Warrants, etc.	No. of Vote.	SERVICE.	Page.		
			CURRENT ACCOUNT.			
$ 1,412,050 62	$ 1,412,050 62	1.	PUBLIC DEBT	9		$1,838,378 08
$ 100,000 00	$ 101,500 00	2.	LEGISLATION	10		109,170 00
$ 13,430 00	$ 13,550 00	3.	PREMIER'S OFFICE	11		13,880 00
			DEPARTMENT OF AGRICULTURE:			
$ 11,140 00	$ 11,165 00	4.	Minister's Office	11	$ 11,380 00	
40,864 00	42,420 00	5.	General Office	11-12	40,458 00	
66,900 00	75,620 00	6-11.	Horticultural Branch	12-14	91,496 00	
38,060 00	39,760 00	12.	Live Stock Branch	14	60,172 00	
4,120 00	3,820 00	13.	Statistics	14-15	4,720 00	
.....	.....	14.	District Instructors	15	25,960 00	
110,250 00	118,250 00	15-34.	Miscellaneous Grants, etc.	15-16	108,550 00	
$ 271,334 00	$ 291,035 00					342,736 00
			DEPARTMENT OF THE ATTORNEY-GENERAL:			
$ 11,520 00	$ 11,400 00	35.	Attorney-General's Office	16	$ 11,310 00	
23,258 00	24,530 00	36.	General Office	16-17	26,040 00	
14,490 00	18,040 00	37.	Joint-stock Companies and Insurance Branch	17	19,005 00	
6,335 00	6,425 00	38.	Municipal Branch	17	6,740 00	
14,112 00	15,462 00	39.	Censor of Moving Pictures	17-18	15,372 00	
45,950 00	57,070 00	40.	Administration of "Prohibition Act"	18	19,180 00	
19,830 00	27,930 00	41-43.	Sheriffs' Offices	19	28,246 00	
1,920 00	1,980 00	44.	Official Guardian, Vancouver	19-20	2,840 00	
5,532 00	5,220 00	45.	Legal Offices Branch	20	7,360 00	
132,446 00	174,094 00	46-51.	Land Registry Offices	20-24	222,850 00	
67,714 00	75,402 00	52-59.	Supreme and County Courts	24-27	79,798 00	
278,220 00	311,790 00	60.	Provincial Police	27	361,900 00	
72,522 00	78,750 00	61-62.	County Gaols	28	85,580 00	
63,253 00	64,549 00	63-64.	Industrial Schools	28-30	71,179 00	
34,500 00	34,860 00	65.	"Infants Act" and Refuge Homes	30	38,960 00	
.....	16,720 00	66.	Public Utilities Commission	30	24,360 00	
127,800 00	173,684 08	67-78.	Miscellaneous Votes	30-31	163,000 00	
$ 919,402 00	$ 1,097,906 08					1,183,720 00
			Carried forward			$3,487,884 08

Fiscal Year, 1919-20. Original Estimates approved by Legislature.	Fiscal Year, 1919-20. Increased under "Civil Service Act" and Special Warrants, etc.	No. of Vote.	SERVICE.	Page.		Fiscal Year, 1920-21.
			CURRENT ACCOUNT—*Continued.*			
			Brought forward			$3,487,884 08
			DEPARTMENT OF EDUCATION:			
$ 22,034 00	$ 23,079 00	79.	General Office	31	$ 25,342 00	
73,756 00	74,501 00	80.	Free Text-book Branch	32	79,106 00	
19,900 00	22,175 00	81.	Agricultural Education	32	30,530 00	
24,865 00	33,835 00	82.	Industrial Education	32-33	121,710 00	
43,440 00	54,965 00	83.	Inspection of Schools	33	62,580 00	
59,045 00	71,605 00	84-85.	Normal Schools	33-35	75,405 00	
14,000 00	14,000 00	86.	Deaf, Dumb, and Blind	35	40,000 00	
1,010 000 00	1,010,000 00	87-89.	*Per Capita* Grants	35	1,138,500 00	
425,000 00	425,000 00	90-91.	Teachers' Salaries	35	514,340 00	
125,000 00	145,000 00	92.	School Buildings	35	320,000 00	
27,500 00	30,000 00	93-98.	Miscellaneous Votes	35	37,100 00	
285,000 00	388,000 00	99.	University of British Columbia	35	420,000 00	
$ 2,129,540 00	$ 2,292,160 00					2,864,613 00
			DEPARTMENT OF FINANCE:			
$ 10,900 00	$ 11,020 00	100.	Minister's Office	36	$ 12,200 00	
24,000 00	31,024 00	101.	General Office	36	32,156 00	
11,300 00	17,385 00	102.	Inspector of Trust Companies, Probate and Succession Duties	36-37	15,825 00	
42,700 00	49,190 00	103.	Controlling and Audit Branch	37	51,900 00	
62,140 00	65,080 00	104.	Surveyor of Taxes	37-38	113,580 00	
7,500 00	7,620 00	105.	Bureau of Information	38	32,772 00	
76,965 50	76,965 50	106.	Agent-General's Office, London	38-39	84,450 00	
386,132 00	440,672 00	107-149.	Government Agents and Assessors, etc.	39-54	533,222 00	
5,640 00	6,200 00	150.	Operation of "Amusements Tax Act"	54-55	6,634 00	
100,000 00	102,965 65	151-155.	Miscellaneous Votes	55	76,840 00	
$ 727,277 50	$ 808,122 15					959,579 00
$ 16,955 00	$ 17,335 00	156.	DEPARTMENT OF FISHERIES	55		18,090 00
.....	$ 9,000 00	157.	DEPARTMENT OF INDUSTRIES	56		28,300 00
			DEPARTMENT OF LANDS:			
$ 12,555 00	$ 12,675 00	158.	Minister's Office	56	$ 12,942 00	
29,220 00	30,480 00	159.	General Office (Salaries)	56-57	33,224 00	
36,204 00	42,912 00	160.	Lands Branch (Salaries)	57-58	45,128 00	
34,032 00	50,400 00	161.	Survey Branch (Salaries)	58-59	75,974 00	
58,920 00	82,160 00	162.	Water Rights Branch (Salaries)	59-61	95,812 00	
164,260 00	232,270 00	163.	Forest Branch (Salaries)	61-66	221,410 00	
7,500 00	7,500 00	164.	Temporary Assistance (Salaries)	66	25,000 00	
135,110 00	135,110 00	165.	Expenses, General Office and Branches	66	179,705 00	
388,200 00	428,470 00	166-183.	Miscellaneous Votes	66-67	635,200 00	
$ 866,001 00	$ 1,021,977 00					1,324,395 00
			Carried forward			$8,682,861 08

FISCAL YEAR, 1919-20. Original Estimates approved by Legislature.	Increased under "Civil Service Act" and Special Warrants, etc.	No. of Vote.	SERVICE.			Fiscal Year, 1920-21.
			CURRENT ACCOUNT—*Continued.*			
			Brought forward			$8,682,861 08
			DEPARTMENT OF LABOUR:	Page.		
$ 17,500 00	$ 15,180 00	184.	General Office	67	$ 15,540 00	
8,220 00	7,380 00	185.	Minimum Wage Board	67-68	9,380 00	
78,160 00	79,960 00	186-196.	Employment Bureaus	68-72	72,680 00	
$ 103,880 00	$ 102,520 00					97,600 00
			DEPARTMENT OF MINES:			
$ 9,895 00	$ 9,895 00	197.	Minister's Office	72	$ 10,565 00	
17,660 00	17,960 00	198.	General Office	72	19,702 00	
38,180 00	39,820 00	199.	Mines Inspection Branch	72-73	40,600 00	
15,494 00	16,010 00	200.	Bureau of Mines	73	16,630 00	
16,970 00	17,300 00	201.	Mine-rescue and Training Stations	73-74	17,330 00	
232,039 89	234,539 89	202-206.	Miscellaneous and Statutory	74	270,374 38	
$ 330,238 89	$ 335,524 89					375,201 38
			DEPARTMENT OF THE PROVINCIAL-SECRETARY:			
$ 9,390 00	$ 9,340 00	207.	Minister's Office	74	$ 9,440 00	
11,802 00	12,510 00	208.	General Office	74-75	14,180 00	
46,774 00	47,950 00	209.	Provincial Board of Health	75	67,030 00	
18,996 00	24,315 48	210.	Provincial Library and Archives	75-76	20,520 00	
.....	500 00	211.	"Public Libraries Act"	76	8,100 00	
8,400 00	9,208 00	212.	Provincial Museum	76-77	10,608 00	
530,518 00	549,298 00	213-216.	Mental Hospitals	77-79	627,616 00	
37,937 00	38,177 00	217.	Provincial Home, Kamloops	79-80	42,945 00	
565,050 00	565,050 00	218-223.	Grants to Hospitals and Charities	80	527,250 00	
161,193 00	172,449 00	224.	King's Printer	80	189,747 48	
17,320 00	17,800 00	225.	Civil Service Commission	81	15,650 00	
639,500 00	644,500 00	226-242.	Miscellaneous Votes	81-82	480,000 00	
$ 2,046,880 00	$ 2,091,097 48					2,013,086 48
			DEPARTMENT OF PUBLIC WORKS:			
$ 10,420 00	$ 10,420 00	243.	Minister's Office	82	$ 11,040 00	
43,924 00	48,630 00	244.	Administration	82-83	64,754 00	
104,740 00	120,360 00	245.	Parliament Buildings and Grounds	83-85	127,164 00	
16,836 00	18,826 00	246.	Government House and Grounds	85	19,400 00	
42,620 00	48,580 00	247.	District Engineers	85	58,000 00	
52,857 00	59,067 00	248.	Steam-boiler Inspection	86	54,807 00	
6,730 00	6,350 00	249.	"Electrical Energy Inspection Act"	86	8,350 00	
7,433 00	7,553 00	250.	"Factories Act"	86-87	8,618 00	
1,613,879 00	1,613,879 00	251.	Roads, Streets, Bridges, and Wharves	87	2,197,600 00	
193,435 00	193,435 00	252.	Steamboats, Ferries, and Bridge-tenders	87	195,490 00	
.....	17,707 50	.....	Miscellaneous	87	.....	
$ 2,092,874 00	$ 2,144,807 50					2,745,223 00
			Carried forward			$13,913,971 94

Fiscal Year, 1919-20.		No. of Vote.	SERVICE.			Fiscal Year, 1920-21.
Original Estimates approved by Legislature.	Increased under "Civil Service Act" and Special Warrants, etc.					
			CURRENT ACCOUNT—*Continued.*			
			Brought forward			$13,913,971 94
			DEPARTMENT OF RAILWAYS:	Page.		
$ 17,830 00	$ 19,510 00	253.	General Office	87-88	$ 24,900 00	
25,000 00	48,000 00	254.	New Westminster Bridge	88	25,000 00	
$ 42,830 00	$ 67,510 00					49,900 00
$11,072,693 01	$11,806,095 72		Total, Current Account			$13,963,871 94
			CAPITAL ACCOUNT.			
$ 830,790 00	$ 916,790 00	255.	Sinking Funds	89	$1,183,761 36	
907,200 00	907,200 00	256.	Pacific Great Eastern Railway Co.	89	907,200 00	
9,700 00	9,700 00	257.	B.C. House, London, England	89	9,700 00	
50,000 00	50,000 00	258.	Songhees Reserve	89	50,000 00	
200,000 00	200,000 00	259.	Johnson Street Bridge, Victoria	89	200,000 00	
93,300 00	93,300 00	260.	Roads, Streets, Bridges, and Wharves	89	116,300 00	
75,000 00	75,000 00	261.	Industrial School and Boys' Sub-normal School Buildings	89	250,000 00	
3,000 00	3,000 00	.....	Office Building and Residence, Hope	...	.....	
3,000 00	4,440 00	262.	Government Buildings, Prince Rupert	89	100,000 00	
7,000 00	8,800 00	.....	Court-house and Police Building, Ocean Falls	...	.....	
3,500 00	3,500 00	263.	Police Station and Quarters, Bridge Crossing	89	5,000 00	
2,500 00	2,500 00	.....	Police Station and Quarters, Yahk	...	.....	
.....	.....	264.	Police Station and Quarters, Kelowna	89	3,500 00	
.....	.....	265.	Police Station and Quarters, Clinton	89	5,000 00	
5,000 00	5,000 00	266.	Police Station and Quarters at other points	89	5,000 00	
37,500 00	37,500 00	267.	Mental Hospital, Essondale	89	81,000 00	
14,700 00	14,700 00	.....	Colony Farm, Essondale	...	.....	
.....	.....	268.	Government Building, Pouce Coupe	89	12,000 00	
.....	.....	269.	Government Building, Williams Lake	89	20,000 00	
.....	.....	270.	Purchase of Building, Barkerville	89	3,500 00	
.....	.....	271.	Technical School	89	175,000 00	
.....	.....	272.	Forestry Offices and Rangers' Stations	89	18,000 00	
.....	.....	273.	Warden's Residence, Oakalla Prison Farm	89	5,000 00	
.....	.....	274.	Main Highways, Industrial and Settlement Roads	89	300,000 00	
$ 2,242,190 00	$ 2,331,390 00		Total, Capital Account			3,449,961 36
$13,314,883 01	$14,137,485 72		Total Estimated Expenditure for fiscal year 1920-21			$17,413,833 30

ESTIMATES OF EXPENDITURE

OF THE PROVINCE OF

BRITISH COLUMBIA

FOR THE

FISCAL YEAR ENDING 31ST MARCH, 1921

Estimates and Special Warrants etc., for Fiscal Year 1919-20.	No. of Vote.	SERVICE.		Fiscal Year, 1920-21.
	1.	PUBLIC DEBT.		
		INTEREST.		
$ 297,658 08		"Loan Acts, 1891, 1893, 1895, and 1902"—interest @ 3% on amount of Inscribed Stock, viz., $9,921,936	$297,658 08	
327,375 00		"Loan Act, 1914"—interest @ 4½% on the amount of Inscribed Stock, viz., $7,275,000	327,375 00	
140,850 00		"Loan Act, 1915"—interest @ 4½% on Debentures of $3,130,000	140,850 00	
90,000 00		"Loan Act, 1916"—interest @ 4½ on Debentures of $2,000,000	90,000 00	
50,000 00		"Loan Act, 1916" (Amendment, 1917)—interest @ 5% on Debentures of $1,000,000	50,000 00	
.....		"Loan Act, 1916" (Amendments, 1917, 1918, and 1919)—interest @ 5% on Debentures of $3,000,000	150,000 00	
25,000 00		"Loan Act, 1917"—interest @ 5% on Debenture of $500,000	25,000 00	
14,972 54		"Loan Act, 1917"—interest @ 5% on Debenture of $300,000	15,000 00	
.....		"Loan Act, 1917"—interest @ 5% on Debenture of $300,000	15,000 00	
165,000 00		"Loan Act, 1918"—interest @ 5½% on Debentures of $3,000,000	165,000 00	
15,575 00		Dyking Debentures, 1897 and 1899—interest on $445,000	15,575 00	
47,400 00		"Corporation of the District of South Vancouver Aid Act, 1918"—interest @ 6% on Treasury Notes of $790,000	47,400 00	
.....		"Better Housing Act, 1919"—interest @ 5% on Debenture of $750,000	37,500 00	
220,000 00		"Loan Acts, 1916, 1917, 1918, 1919," "Revenue" and other Acts—interest on Treasury Bills and Bank Overdrafts	240,000 00	
.....		"Loan Act, 1916" (Amendments, 1917, 1918, and 1919)—interest @ 5% on Debentures of $2,450,000	122,500 00	
$1,393,830 62		PREMIUM AND EXCHANGE.		$1,738,858 08
$ 10,000 00		On drafts for Interest remittances (approximate)		40,000 00
		DISCOUNT AND COMMISSION.		
$ 600 00		½% Commission to Loan Trustees on sums annually invested (approximate)	$ 1,200 00	
5,820 00		Annual Commission for inscribing and paying interest on Inscribed Stock, £1,200	5,820 00	
1,000 00		Brokerage, Dividend Warrant Stamps and Postage in London on Sinking Fund Investments and payments of Interest (approximate)	1,000 00	
$ 7,420 00		*Carried forward*	$ 8,020 00	$1,778,858 08

Estimates and Special Warrants etc., for Fiscal Year 1919-20.	No. of Vote.	SERVICE.		Fiscal Year, 1920-21.
	1.	PUBLIC DEBT—*Continued.*		
		DISCOUNT AND COMMISSION—*Continued.*		
$ 7,420 00		*Brought forward*	$ 8,020 00	$1,778,858 08
800 00		Commission for payment of Interest on Loans of 1915, 1916, 1917, 1918, and 1919 (approximate)	1,500 00	
.....		Discount and Commission on future Loans, Treasury Bills, Debentures, etc. (approximate)	50,000 00	
$ 8,220 00				59,520 00
$1,412,050 62		Total of Vote No. 1		$1,838,378 08
	2.	LEGISLATION.		
		Members' Indemnities:		
$ 75,200 00		Forty-seven Members @ $1,600 each	$ 75,200 00	
7,000 00		Mileage	7,000 00	
1,500 00		Allowance to the Leader of the Opposition	1,500 00	
$ 83,700 00				$ 83,700 00
		Salaries:		
$ 1,800 00		Mr. Speaker, Sessional allowance	$ 1,800 00	
500 00		Deputy Speaker, Sessional allowance	500 00	
1,200 00		Clerk of the House, Sessional allowance	1,200 00	
600 00		Law Clerk, Sessional allowance	600 00	
500 00		Sergeant-at-Arms, 12 weeks @ $40 per week	480 00	
240 00		Deputy Sergeant-at-Arms, 9 weeks @ $30 per week	270 00	
240 00		Assistant Sergeant-at-Arms, 8 weeks @ $25 per week	200 00	
2,400 00		Twelve Attendants, 8 weeks @ $25 per week	2,400 00	
360 00		Six Pages, 8 weeks @ $7.50 per week	360 00	
280 00		Two Stenographers, 8 weeks @ $17.50 per week	280 00	
480 00		Four Stenographers, 8 weeks @ $15 per week	480 00	
500 00		Unforeseen and unprovided	500 00	
$ 9,100 00				9,070 00
		Expenses:		
$ 1,150 00		Office supplies, etc.	$ 1,150 00	
4,300 00		Printing, binding, etc.	12,000 00	
250 00		Furniture and fixtures	250 00	
1,000 00		Select Standing Committees	1,000 00	
1,500 00		Dining-room	1,500 00	
500 00		Incidentals	500 00	
$ 8,700 00				16,400 00
$ 101,500 00		Total of Vote No. 2		$ 109,170 00

FISCAL YEAR, 1919-20. Original Estimates approved by Legislature.	FISCAL YEAR, 1919-20. Increased under "Civil Service Act" and Special Warrants, etc.	No. of Vote.	SERVICE.		Fiscal Year, 1920-21.
		3.	PREMIER'S OFFICE.		
			Salaries:		
$ 7,500 00	$ 7,500 00		The Premier (without any further salary as head of any Department)	$ 7,500 00	
1,920 00	1,920 00		Secretary	2,100 00	
960 00	1,080 00		Clerk and Stenographer	1,080 00	
$ 10,380 00	$ 10,500 00			$ 10,680 00	
			Expenses:		
1,550 00	1,550 00		Office supplies, etc.	1,700 00	
1,500 00	1,500 00		Travelling expenses	1,500 00	
$ 13,430 00	$ 13,550 00		Total of Vote No. 3		$ 13,880 00
			DEPARTMENT OF AGRICULTURE.		
		4.	MINISTER'S OFFICE.		
			Salaries:		
$ 6,000 00	$ 6,000 00		The Minister	$ 6,000 00	
1,920 00	1,920 00		Secretary	2,040 00	
720 00	745 00		Clerk and Stenographer	840 00	
$ 8,640 00	$ 8,665 00			$ 8,880 00	
			Expenses:		
500 00	500 00		Office supplies, etc.	500 00	
2,000 00	2,000 00		Travelling expenses, etc.	2,000 00	
$ 11,140 00	$ 11,165 00		Total of Vote No. 4		$ 11,380 00
		5.	GENERAL OFFICE.		
			Salaries:		
$ 4,000 00	$ 4,000 00		Deputy Minister	$ 4,120 00	
2,000 00	2,000 00		Agricultural Organizer	.....	
1,804 00	1,920 00		Chief Clerk	2,020 00	
1,500 00	1,680 00		Accountant	1,780 00	
1,200 00	1,380 00		Clerk	1,452 00	
1,200 00	1,380 00		Clerk	1,452 00	
1,080 00	1,320 00		Clerk	1,392 00	
.....	.....		Clerk	1,392 00	
400 00	400 00		Junior Clerk	540 00	
.....	.....		Messenger	420 00	
1,320 00	1,500 00		General Assistant	1,500 00	
840 00	900 00		Stenographer	960 00	
780 00	840 00		Stenographer	900 00	
780 00	840 00		Stenographer	900 00	
720 00	780 00		Stenographer	840 00	
660 00	780 00		Stenographer	840 00	
.....	.....		Stenographer	810 00	
.....	.....		Stenographer	810 00	
$ 18,284 00	$ 19,720 00		*Carried forward*	$ 22,128 00	$ 11,380 00

Fiscal Year, 1919-20. Original Estimates approved by Legislature.	Fiscal Year, 1919-20. Increased under "Civil Service Act" and Special Warrants, etc.	No. of Vote.	SERVICE.		Fiscal Year, 1920-21.
			DEPARTMENT OF AGRICULTURE—*Continued.*		
		5.	GENERAL OFFICE—*Continued.*		
$ 18,284 00	$ 19,720 00		*Brought forward*	$ 22,128 00	$ 11,380 00
			Salaries—*Continued.*		
1,080 00	1,200 00		Carpenter	.....	
2,000 00	2,000 00		Temporary assistance	2,500 00	
$ 21,364 00	$ 22,920 00			$ 24,628 00	
			Expenses:		
17,000 00	17,000 00		Office supplies, etc.	13,830 00	
2,500 00	2,500 00		Travelling expenses, etc.	2,000 00	
$ 40,864 00	$ 42,420 00		Total of Vote No. 5		40,458 00
		6.	HORTICULTURAL BRANCH.		
			Salaries:		
$ 2,160 00	$ 2,160 00		Provincial Horticulturist	.....	
1,640 00	2,100 00		Assistant Horticulturist	$ 2,220 00	
1,620 00	2,100 00		Assistant Horticulturist	2,220 00	
.....	.....		Assistant Horticulturist	2,220 00	
.....	.....		Assistant Horticulturist	1,620 00	
1,200 00	1,620 00		District Fruit Inspector	1,740 00	
1,200 00	1,500 00		District Fruit Inspector	1,620 00	
1,140 00	1,380 00		District Fruit Inspector	1,480 00	
.....	.....		District Fruit Inspector	1,440 00	
.....	.....		Clerk (Victoria)	1,500 00	
.....	.....		Clerk (Vernon)	636 00	
.....	.....		Temporary assistance	1,000 00	
$ 8,960 00	$ 10,860 00			$ 17,696 00	
			Expenses:		
6,840 00	6,840 00		Travelling expenses, etc.	7,500 00	
$ 15,800 00	$ 17,700 00		Total of Vote No. 6		25,196 00
		7.	INSPECTION AND FUMIGATION OF IMPORTED FRUIT, NURSERY STOCK, ETC.		
			Salaries:		
$ 1,820 00	$ 2,400 00		Inspector Imported Fruit	$ 2,520 00	
1,620 00	1,800 00		Assistant Inspector Imported Fruit	1,800 00	
1,500 00	1,680 00		Assistant Inspector Imported Fruit	1,780 00	
1,200 00	1,500 00		Assistant Inspector Imported Fruit	1,600 00	
.....	.....		Assistant Inspector Imported Fruit	1,600 00	
840 00	900 00		Clerk and Stenographer	960 00	
3,500 00	7,000 00		Temporary assistance	.....	
$ 10,480 00	$ 15,280 00			$ 10,260 00	
			Expenses:		
2,000 00	2,000 00		Office supplies, etc.	1,000 00	
1,000 00	1,000 00		Travelling expenses, etc.	1,200 00	
$ 13,480 00	$ 18,280 00		*Carried forward*	$ 12,460 00	$ 77,034 00

FISCAL YEAR, 1919-20. Original Estimates approved by Legislature.	FISCAL YEAR, 1919-20. Increased under "Civil Service Act" and Special Warrants, etc.	No. of Vote.	SERVICE.		Fiscal Year, 1920-21.
			DEPARTMENT OF AGRICULTURE—*Continued.*		
		7.	INSPECTION AND FUMIGATION OF IMPORTED FRUIT, ETC.—*Continued.*		
$ 13,480 00	$ 18,280 00		*Brought forward*	$ 12,460 00	$ 77,034 00
			Expenses—*Continued.*		
.....	.....		Inspection fees, casual labour, and other expenses, etc.	7,000 00	
$ 13,480 00	$ 18,280 00		Total of Vote No. 7		19,460 00
		8.	CONTROL OF FRUIT PESTS, DISEASES, ETC.		
			Expenses:		
			Labour, material, supplies, etc.	$ 14,000 00	
$ 15,000 00	$ 15,000 00		Total of Vote No. 8		14,000 00
		9.	ENTOMOLOGY AND PLANT PATHOLOGY.		
			Salaries:		
$ 2,160 00	$ 2,160 00		Plant Pathologist	$ 2,280 00	
1,000 00	1,000 00		Temporary assistance	500 00	
$ 3,160 00	$ 3,160 00			$ 2,780 00	
			Expenses:		
3,000 00	3,000 00		Office and laboratory supplies, etc.	1,500 00	
1,000 00	1,000 00		Travelling expenses, etc.	1,500 00	
$ 7,160 00	$ 7,160 00		Total of Vote No. 9		5,780 00
		10.	PRAIRIE MARKETS COMMISSIONER.		
			Salaries:		
$ 1,680 00	$ 2,400 00		Commissioner	$ 2,520 00	
780 00	840 00		Clerk and Stenographer	900 00	
300 00	300 00		Temporary assistance	300 00	
$ 2,760 00	$ 3,540 00			$ 3,720 00	
			Expenses:		
2,500 00	2,500 00		Office supplies, etc.	4,500 00	
1,500 00	1,500 00		Travelling expenses, etc.	2,500 00	
$ 6,760 00	$ 7,540 00		Total of Vote No. 10		10,720 00
		11.	COAST MARKETS COMMISSIONER.		
			Salaries:		
$ 2,400 00	$ 2,640 00		Commissioner	$ 2,760 00	
1,000 00	1,080 00		Clerk and Stenographer	1,080 00	
1,200 00	1,620 00		Potato Inspector	1,720 00	
.....	.....		Potato Inspector	1,500 00	
.....	.....		Stenographer	780 00	
$ 4,600 00	$ 5,340 00		*Carried forward*	$ 7,840 00	$ 126,994 00

Fiscal Year, 1919-20. Original Estimates approved by Legislature.	Fiscal Year, 1919-20. Increased under "Civil Service Act" and Special Warrants, etc.	Vote. No. of	SERVICE.		Fiscal Year, 1920-21.
			DEPARTMENT OF AGRICULTURE—*Continued.*		
		11.	COAST MARKETS COMMISSIONER—*Continued.*		
$ 4,600 00	$ 5,340 00		*Brought forward*	$ 7,840 00	$ 126,994 00
			Expenses:		
2,000 00	2,500 00		Office supplies, etc.	5,500 00	
2,100 00	2,100 00		Travelling expenses, etc.	3,000 00	
$ 8,700 00	$ 9,940 00		Total of Vote No. 11		16,340 00
		12.	LIVE STOCK BRANCH.		
			Salaries:		
$ 2,500 00	$ 2,640 00		Live Stock Commissioner	$ 2,760 00	
1,800 00	1,920 00		Chief Poultry Instructor	2,040 00	
1,500 00	1,800 00		District Poultry Instructor	1,920 00	
.....	.....		District Poultry Instructor	1,800 00	
.....	.....		Dairy Commissioner	2,520 00	
1,800 00	1,920 00		Dairy Instructor	2,040 00	
1,800 00	1,800 00		Soil and Crop Instructor	1,920 00	
2,100 00	2,100 00		Veterinary Inspector	2,220 00	
1,860 00	1,860 00		Assistant Veterinary Inspector	1,980 00	
1,860 00	1,860 00		Assistant Veterinary Inspector	1,980 00	
1,860 00	1,860 00		Assistant Veterinary Inspector	1,980 00	
1,500 00	1,860 00		Assistant Veterinary Inspector	1,980 00	
.....	.....		Assistant Veterinary Inspector	1,980 00	
.....	.....		Assistant Veterinary Inspector	1,980 00	
.....	.....		Assistant Veterinary Inspector	1,980 00	
1,500 00	1,500 00		Brands Inspector	1,600 00	
1,200 00	1,200 00		Milk-tester	1,200 00	
1,200 00	1,200 00		Milk-tester	1,200 00	
1,200 00	1,620 00		Clerk	1,720 00	
1,080 00	1,320 00		Clerk	1,392 00	
.....	.....		Clerk	960 00	
.....	.....		Clerk (Poultry)	1,320 00	
.....	.....		Stenographer	1,200 00	
500 00	500 00		Temporary assistance	500 00	
$ 25,260 00	$ 26,960 00			$ 42,172 00	
			Expenses:		
12,800 00	12,800 00		Travelling expenses, etc.	18,000 00	
$ 38,060 00	$ 39,760 00		Total of Vote No. 12		60,172 00
		13.	STATISTICS.		
			Salaries:		
$ 1,620 00	$ 1,320 00		Statistician	$ 1,420 00	
500 00	500 00		Temporary assistance	300 00	
$ 2,120 00	$ 1,820 00		*Carried forward*	$ 1,720 00	$ 203,506 00

FISCAL YEAR, 1919-20. Original Estimates approved by Legislature.	FISCAL YEAR, 1919-20. Increased under "Civil Service Act" and Special Warrants, etc.	No. of Vote.	SERVICE.		Fiscal Year, 1920-21.
			DEPARTMENT OF AGRICULTURE—*Continued.*		
		13.	STATISTICS—*Continued.*		
$ 2,120 00	$ 1,820 00		*Brought forward*	$ 1,720 00	$ 203,506 00
			Expenses:		
1,000 00	1,000 00		Office supplies, etc.	2,000 00	
1,000 00	1,000 00		Travelling expenses, etc.	1,000 00	
$ 4,120 00	$ 3,820 00		Total of Vote No. 13		4,720 00
		14.	AGRICULTURAL AND HORTICULTURAL INSTRUCTORS AND AGRICULTURAL REPRESENTATIVES, ETC.		
			Salaries:		
.....	.....		District Agriculturist	$ 1,920 00	
.....	.....		District Agriculturist	1,620 00	
.....	.....		District Agriculturist	1,620 00	
.....	.....		Assistant Horticulturist	2,100 00	
.....	.....		District Field Inspector	1,620 00	
.....	.....		Assistant Field Inspector	1,320 00	
.....	.....		District Agriculturist and Field Inspector	1,620 00	
.....	.....		District Agriculturist and Field Inspector	1,620 00	
.....	.....		Clerk and Stenographer (Victoria)	900 00	
.....	.....		Stenographer (Kamloops)	900 00	
.....	.....		Stenographer (part time) (Duncan)	240 00	
.....	.....		Stenographer (Penticton)	480 00	
				$ 15,960 00	
			Expenses:		
.....	.....		Office supplies, etc.	2,500 00	
.....	.....		Travelling expenses, etc.	7,500 00	
.....	.....		Total of Vote No. 14		25,960 00
			MISCELLANEOUS GRANTS, ETC.		
$ 33,500 00	$ 33,500 00	15.	Tubercular cattle, compensation, supplies, temporary assistance, etc.	$ 30,000 00	
4,250 00	4,250 00	16.	Automobiles and accessories, etc.	6,000 00	
35,000 00	38,000 00	17.	Agricultural fairs, etc.	35,000 00	
10,000 00	10,000 00	18.	Farmers' Institutes, etc.	9,000 00	
8,000 00	11,500 00	19.	Women's Institutes, etc.	7,000 00	
500 00	500 00	20.	British Columbia Bee-keepers' Association	500 00	
2,500 00	2,500 00	21.	British Columbia Dairymen's Association	2,500 00	
250 00	250 00	22.	British Columbia Entomological Society	250 00	
3,000 00	3,000 00	23.	British Columbia Fruit-growers' Association	3,000 00	
500 00	500 00	24.	British Columbia Goat-breeders' Association	750 00	
1,500 00	1,500 00	25.	British Columbia Poultry Association	1,500 00	
2,500 00	2,500 00	26.	British Columbia Stock-breeders' Association	2,500 00	
750 00	750 00	27.	British Columbia Wool-growers' Association	750 00	
$ 102,250 00	$ 108,750 00		*Carried forward*	$ 98,750 00	$ 234,186 00

Fiscal Year, 1919-20.		No. of Vote.	SERVICE.		Fiscal Year, 1920-21.
Original Estimates approved by Legislature.	Increased under "Civil Service Act" and Special Warrants, etc.				
			DEPARTMENT OF AGRICULTURE—*Continued.*		
			MISCELLANEOUS GRANTS, ETC.—*Continued.*		
$ 102,250 00	$1 108,750 00		*Brought forward*	$ 98,750 00	$ 234,186 00
2,500 00	2,500 00	28.	British Columbia Seed-growers' Association	2,500 00	
500 00	500 00	29.	Board of Horticulture	300 00	
2,000 00	3,500 00	30.	Departmental exhibits	3,000 00	
1,000 00	1,000 00	31.	Compensation *re* foul-brood in bees	500 00	
1,000 00	1,000 00	32.	Control of noxious weeds	1,000 00	
1,000 00	1,000 00	33.	Grants to British Columbia students	1,000 00	
.....	.....	34.	Incidentals and contingencies	1,500 00	
$ 110,250 00	$ 118,250 00		Total, Miscellaneous Grants, etc.		108,550 00
$ 271,334 00	$ 291,035 00		Total, Department of Agriculture		$ 342,736 00
			DEPARTMENT OF THE ATTORNEY-GENERAL.		
		35.	ATTORNEY-GENERAL'S OFFICE.		
			Salaries:		
$ 6,000 00	$ 6,000 00		The Attorney-General	$ 6,000 00	
1,920 00	1,920 00		Secretary	2,040 00	
900 00	780 00		Clerk and Stenographer	1,020 00	
$ 8,820 00	$ 8,700 00			$ 9,060 00	
			Expenses:		
1,350 00	1,350 00		Office supplies, etc.	750 00	
1,350 00	1,350 00		Travelling expenses	1,500 00	
$ 11,520 00	$ 11,400 00		Total of Vote No. 35		$ 11,310 00
		36.	GENERAL OFFICE.		
			Salaries:		
$ 4,500 00	$ 4,800 00		Deputy Attorney-General	$ 4,920 00	
4,200 00	4,200 00		Legislative Counsel	4,320 00	
3,720 00	3,600 00		Departmental Solicitor	3,720 00	
1,860 00	1,920 00		Chief Clerk	2,020 00	
1,518 00	1,620 00		Voucher Clerk	1,720 00	
960 00	1,020 00		Clerk and Stenographer	1,080 00	
780 00	840 00		Clerk and Stenographer	900 00	
720 00	810 00		Clerk and Stenographer	870 00	
.....	.....		Clerk	960 00	
.....	720 00		Stenographer	780 00	
200 00	200 00		Temporary assistance	250 00	
$ 18,458 00	$ 19,730 00		*Carried forward*	$ 21,540 00	$ 11,310 00

FISCAL YEAR, 1919-20. Original Estimates approved by Legislature.	FISCAL YEAR, 1919-20. Increased under "Civil Service Act" and Special Warrants, etc.	No. of Vote.	SERVICE.		Fiscal Year, 1920-21.
			DEPARTMENT OF THE ATTORNEY-GENERAL—*Continued.*		
		36.	GENERAL OFFICE—*Continued.*		
$ 18,458 00	$ 19,730 00		*Brought forward*	$ 21,540 00	$ 11,310 00
			Expenses:		
3,300 00	3,300 00		Office supplies, etc.	3,500 00	
1,500 00	1,500 00		Travelling expenses	1,000 00	
$ 23,258 00	$ 24,530 00		Total of Vote No. 36		26,040 00
		37.	JOINT-STOCK COMPANIES AND INSURANCE BRANCH.		
			Salaries:		
$ 3,800 00	$ 3,800 00		Registrar and Superintendent of Insurance	$ 3,920 00	
.....	2,100 00		Fire Investigation Officer	2,220 00	
1,520 00	1,680 00		Chief Clerk	1,780 00	
900 00	1,200 00		Clerk	1,300 00	
840 00	900 00		Stenographer	960 00	
600 00	810 00		Stenographer	870 00	
.....	720 00		Junior Clerk	720 00	
480 00	480 00		Office-boy	360 00	
.....	.....		Temporary assistance	200 00	
$ 8,140 00	$ 11,690 00			$ 12,330 00	
			Expenses:		
3,300 00	3,300 00		Office supplies, etc.	3,425 00	
250 00	250 00		Travelling expenses	250 00	
800 00	800 00		Fire Report fees and expenses	1,000 00	
2,000 00	2,000 00		Fire inquiries and fire protection	2,000 00	
$ 14,490 00	$ 18,040 00		Total of Vote No. 37		19,005 00
		38.	MUNICIPAL BRANCH.		
			Salaries:		
$ 3,000 00	$ 3,000 00		Inspector of Municipalities	$ 3,120 00	
1,500 00	1,500 00		Clerk	1,600 00	
720 00	810 00		Stenographer	870 00	
$ 5,220 00	$ 5,310 00			$ 5,590 00	
			Expenses:		
615 00	615 00		Office supplies, etc.	650 00	
500 00	500 00		Travelling expenses	500 00	
$ 6,335 00	$ 6,425 00		Total of Vote No. 38		6,740 00
		39.	CENSOR OF MOVING PICTURES.		
			Salaries:		
$ 2,040 00	$ 2,100 00		Censor	$ 2,220 00	
1,560 00	1,800 00		Assistant Censor	1,800 00	
1,320 00	1,500 00		Assistant Censor	1,600 00	
$ 4,920 00	$ 5,400 00		*Carried forward*	$ 5,620 00	$ 63,095 00

Fiscal Year, 1919-20. Original Estimates approved by Legislature.	Fiscal Year, 1919-20. Increased under "Civil Service Act" and Special Warrants, etc.	No. of Vote.	SERVICE.		Fiscal Year, 1920-21.
			DEPARTMENT OF THE ATTORNEY-GENERAL—*Continued.*		
		39.	CENSOR OF MOVING PICTURES—*Continued.*		
$ 4,920 00	$ 5,400 00		*Brought forward*	$ 5,620 00	$ 63,095 00
			Salaries—*Continued.*		
1,200 00	1,500 00		Assistant Censor	1,600 00	
1,620 00	1,800 00		Inspector	1,800 00	
1,200 00	1,440 00		Operator	1,440 00	
660 00	750 00		Clerk (half-salary)	750 00	
792 00	852 00		Stenographer	912 00	
120 00	120 00		Temporary assistance	150 00	
$ 10,512 00	$ 11,862 00			$ 12,272 00	
			Expenses:		
800 00	800 00		Office supplies, etc.	800 00	
1,500 00	1,500 00		Travelling expenses	1,500 00	
1,300 00	1,300 00		Machine supplies, etc.	800 00	
$ 14,112 00	$ 15,462 00		Total of Vote No. 39		15,372 00
		40.	ADMINISTRATION OF "PROHIBITION ACT."		
			Salaries:		
$ 3,600 00	$ 3,600 00		Commissioner	$ 3,720 00	
720 00	1,560 00		Clerk	1,660 00	
.....	1,380 00		Clerk	1,480 00	
720 00	780 00		Stenographer	840 00	
.....	720 00		Stenographer	780 00	
250 00	250 00		Temporary assistance	500 00	
$ 5,290 00	$ 8,290 00			$ 8,980 00	
			Expenses:		
850 00	2,850 00		Office supplies, etc.	3,000 00	
1,000 00	1,000 00		Travelling expenses	1,200 00	
5,000 00	6,500 00		Special Operators (salaries and expenses)	6,000 00	
$12,140 00	$ 18,640 00			$ 19,180 00	
$ 12,860 00	$ 14,030 00		Vancouver Vendor	.....	
5,650 00	6,800 00		Victoria Vendor	.....	
14,300 00	16,600 00		Warehouse, Vancouver	.....	
1,000 00	1,000 00		Insurance on stock	.....	
$ 33,810 00	$ 38,430 00		Total of Vote No. 40		19,180 00
$ 45,950 00	$ 57,070 00		*Carried forward*		$ 97,647 00

Fiscal Year, 1919-20. Original Estimates approved by Legislature.	Fiscal Year, 1919-20. Increased under "Civil Service Act" and Special Warrants, etc.	No. of Vote.	SERVICE.		Fiscal Year, 1920-21.
			DEPARTMENT OF THE ATTORNEY-GENERAL—*Continued.*		
			Brought forward	$ 97,647 00	
			SHERIFFS' OFFICES.		
		41.	SHERIFF'S OFFICE, VANCOUVER.		
			Salaries:		
$ 4,000 00	$ 4,000 00		Sheriff	$ 4,120 00	
1,680 00	2,100 00		Deputy Sheriff	2,220 00	
900 00	1,320 00		Process Server	1,392 00	
900 00	1,080 00		Clerk	1,152 00	
250 00	250 00		Temporary assistance	250 00	
$ 7,730 00	$ 8,750 00			$ 9,134 00	
			Expenses:		
600 00	600 00		Office supplies, etc.	750 00	
500 00	500 00		Travelling expenses	600 00	
$ 8,830 00	$ 9,850 00		Total of Vote No. 41	$ 10,484 00	
		42.	SHERIFF'S OFFICE, VICTORIA.		
			Salaries:		
.....	$ 3,000 00		Sheriff	$ 3,000 00	
.....	2,100 00		Deputy Sheriff	2,100 00	
.....	1,140 00		Process Server	1,212 00	
.....	840 00		Stenographer	900 00	
.....	.....		Temporary assistance	200 00	
.....	$ 7,080 00			$ 7,412 00	
			Expenses:		
.....	.....		Office supplies, etc.	950 00	
.....	.....		Travelling expenses	400 00	
.....	$ 7,080 00		Total of Vote No. 42	8,762 00	
		43.	SUNDRY SHERIFFS.		
$ 11,000 00	$ 11,000 00		Allowances and office supplies, etc.	$ 9,000 00	
			Total of Vote No. 43	9,000 00	
$ 19,830 00	$ 27,930 00		Total, all Sheriffs' Offices		28,246 00
		44.	OFFICIAL GUARDIAN, VANCOUVER.		
			Salaries:		
$ 1,200 00	$ 1,200 00		Official Guardian	$ 1,800 00	
720 00	780 00		Stenographer	840 00	
$ 1,920 00	$ 1,980 00		*Carried forward*	$ 2,640 00	$ 125,893 00

Fiscal Year, 1919-20. Original Estimates approved by Legislature.	Fiscal Year, 1919-20. Increased under "Civil Service Act" and Special Warrants, etc.	No. of Vote.	SERVICE.		Fiscal Year, 1920-21.
			DEPARTMENT OF THE ATTORNEY-GENERAL—*Continued.*		
		44.	OFFICIAL GUARDIAN, VANCOUVER—*Continued.*		
$ 1,920 00	$ 1,980 00		*Brought forward*	$ 2,640 00	$ 125,893 00
			Expenses:		
.....	.....		Office supplies, etc.	200 00	
$ 1,920 00	$ 1,980 00		Total of Vote No. 44		2,840 00
		45.	LEGAL OFFICES BRANCH.		
			Salaries:		
$ 3,600 00	$ 3,000 00		Inspector of Legal Offices	$ 3,120 00	
1,152 00	1,440 00		Clerk	1,540 00	
780 00	780 00		Stenographer	900 00	
$ 5,532 00	$ 5,220 00			$ 5,560 00	
			Expenses:		
.....	.....		Office supplies, etc.	600 00	
.....	.....		Travelling expenses	1,200 00	
$ 5,532 00	$ 5,220 00		Total of Vote No. 45		7,360 00
			LAND REGISTRY OFFICES.		
		46	KAMLOOPS.		
			Salaries:		
$ 3,120 00	$ 2,700 00		Registrar	$ 2,820 00	
1,500 00	1,680 00		Chief Clerk	1,780 00	
1,380 00	1,620 00		Surveyor	1,720 00	
1,536 00	1,680 00		Clerk	1,780 00	
1,284 00	1,560 00		Clerk	1,660 00	
1,152 00	1,500 00		Clerk	1,600 00	
.....	1,440 00		Clerk	1,540 00	
1,080 00	1,440 00		Clerk	1,500 00	
.....	1,260 00		Clerk	1,332 00	
.....	1,260 00		Clerk	1,332 00	
.....	1,380 00		Clerk	1,452 00	
.....	.....		Three Clerks @ $1,380 each	4,140 00	
.....	.....		Three Clerks @ $1,320 each	3,960 00	
900 00	960 00		Stenographer	960 00	
1,560 00	1,800 00		Two Stenographers @ $960 each	1,920 00	
.....	.....		Stenographer	900 00	
300 00	300 00		Temporary assistance	.....	
$ 13,812 00	$ 20,580 00			$ 30,396 00	
			Expenses:		
1,324 00	1,324 00		Office supplies, etc.	2,500 00	
50 00	50 00		Travelling expenses	50 00	
1,000 00	1,000 00		Repairs to building	1,500 00	
$ 16,186 00	$ 22,954 00		Total of Vote No. 46	34,446 00	
			Carried forward	$ 34,446 00	$ 136,093 00

FISCAL YEAR, 1919-20.		No. of Vote.	SERVICE.			Fiscal Year, 1920-21.
Original Estimates approved by Legislature.	Increased under "Civil Service Act" and Special Warrants, etc.					
			DEPARTMENT OF THE ATTORNEY-GENERAL—*Continued.*			
			LAND REGISTRY OFFICES—*Continued.*			
			Brought forward		$ 34,446 00	$ 136,093 00
		47.	NELSON.			
			Salaries:			
$ 2,400 00	$ 2,700 00		Registrar	$ 2,820 00		
1,500 00	.....		Chief Clerk	1,680 00		
1,440 00	1,620 00		Surveyor	1,720 00		
1,344 00	1,500 00		Clerk	1,500 00		
1,152 00	1,440 00		Clerk	1,540 00		
1,152 00	1,380 00		Clerk	1,452 00		
.....	1,380 00		Clerk	1,452 00		
.....	1,380 00		Clerk	1,452 00		
1,080 00	1,320 00		Clerk	1,392 00		
900 00	780 00		Stenographer	840 00		
900 00	1,080 00		Janitor	1,080 00		
600 00	600 00		Temporary assistance	.....		
$ 12,468 00	$ 15,180 00			$ 16,928 00		
			Expenses:			
1,450 00	1,450 00		Office supplies	1,600 00		
50 00	50 00		Travelling expenses	50 00		
$ 13,968 00	$ 16,680 00		Total of Vote No. 47		18,578 00	
		48.	NEW WESTMINSTER.			
			Salaries:			
$ 3,120 00	$ 3,300 00		Registrar	$ 3,420 00		
1,960 00	2,100 00		Chief Clerk	2,220 00		
1,440 00	1,620 00		Surveyor	1,720 00		
.....	.....		Surveyor	1,720 00		
1,284 00	1,560 00		Clerk	1,660 00		
1,224 00	1,560 00		Clerk	1,660 00		
1,320 00	1,500 00		Clerk	1,600 00		
1,080 00	1,500 00		Clerk	1,600 00		
1,152 00	1,500 00		Clerk	1,600 00		
1,152 00	1,440 00		Clerk	1,500 00		
1,080 00	1,440 00		Clerk	1,500 00		
.....	1,440 00		Clerk	1,500 00		
1,224 00	1,500 00		Clerk	1,600 00		
1,080 00	1,320 00		Clerk	1,392 00		
.....	1,320 00		Clerk	1,392 00		
.....	1,320 00		Clerk	1,392 00		
.....	1,320 00		Clerk	1,392 00		
.....	.....		Two Clerks @ $1,500 each	3,000 00		
.....	.....		Two Clerks @ $1,320 each	2,640 00		
780 00	900 00		Stenographer	960 00		
$ 17,896 00	$ 26,640 00		*Carried forward*	$ 35,468 00	$ 53,024 00	$ 136,093 00

Fiscal Year, 1919-20.		No. of Vote.	SERVICE.			Fiscal Year, 1920-21.
Original Estimates approved by Legislature.	Increased under "Civil Service Act" and Special Warrants, etc.					
			DEPARTMENT OF THE ATTORNEY-GENERAL—*Continued.*			
			LAND REGISTRY OFFICES—*Continued.*			
		48.	NEW WESTMINSTER—*Continued.*			
$ 17,896 00	$ 26,640 00		*Brought forward*	$ 35,468 00	$ 53,024 00	$ 136,093 00
			Salaries—*Continued.*			
780 00	900 00		Stenographer	960 00		
.....	.....		Stenographer	780 00		
780 00	.....		Stenographer	780 00		
.....	.....		Stenographer	780 00		
900 00	900 00		Janitor	1,080 00		
$ 20,356 00	$ 28,440 00			$ 39,848 00		
			Expenses:			
1,861 00	2,361 00		Office supplies	3,000 00		
50 00	50 00		Travelling expenses	100 00		
$ 22,267 00	$ 30,851 00		Total of Vote No. 48		42,948 00	
		49.	PRINCE RUPERT.			
			Salaries:			
$ 2,400 00	$ 2,700 00		Registrar	$ 2,820 00		
1,500 00	1,680 00		Chief Clerk	1,780 00		
.....	.....		Clerk	1,320 00		
960 00	960 00		Stenographer	1,020 00		
900 00	.....		Surveyor	300 00		
$ 5,760 00	$ 5,340 00			$ 7,240 00		
			Expenses:			
664 00	664 00		Office supplies	850 00		
50 00	50 00		Travelling expenses	50 00		
100 00	100 00		Repairs to building	100 00		
$ 6,574 00	$ 6,154 00		Total of Vote No. 49		8,240 00	
		50.	VANCOUVER.			
			Salaries:			
$ 4,800 00	$ 4,800 00		Registrar	$ 4,800 00		
2,440 00	2,440 00		Chief Clerk	2,440 00		
1,764 00	1,800 00		Clerk	1,800 00		
1,452 00	1,800 00		Clerk	1,900 00		
1,620 00	1,680 00		Clerk	1,780 00		
1,620 00	1,680 00		Clerk	1,780 00		
1,548 00	1,680 00		Clerk	1,780 00		
1,440 00	1,620 00		Surveyor	1,720 00		
1,380 00	1,620 00		Surveyor	.....		
1,404 00	1,620 00		Clerk	1,720 00		
1,404 00	1,620 00		Clerk	1,720 00		
1,284 00	1,560 00		Clerk	1,660 00		
$ 22,156 00	$ 23,920 00		*Carried forward*	$ 23,100 00	$104,212 00	$ 136,093 00

FISCAL YEAR, 1919-20. Original Estimates approved by Legislature.	Increased under "Civil Service Act" and Special Warrants, etc.	No. of Vote.	SERVICE.			Fiscal Year, 1920-21.
			DEPARTMENT OF THE ATTORNEY-GENERAL—*Continued.*			
			LAND REGISTRY OFFICES—*Continued.*			
		50.	VANCOUVER—*Continued.*			
$ 22,156 00	$ 23,920 00		*Brought forward*	$ 23,100 00	$104,212 00	$ 136,093 00
			Salaries—*Continued.*			
.....	1,500 00		Clerk	1,600 00		
.....	1,500 00		Clerk	1,600 00		
1,404 00	1,500 00		Clerk	1,500 00		
1,404 00	1,500 00		Clerk	1,500 00		
.....	.....		Two Clerks @ $125 each	3,000 00		
1,344 00	.....		Clerk	.....		
8,064 00	10,080 00		Seven Clerks @ $125 each	10,500 00		
1,080 00	1,440 00		Clerk	1,500 00		
.....	1,380 00		Clerk	1,452 00		
1,080 00	1,320 00		Clerk	1,392 00		
.....	1,320 00		Clerk	1,392 00		
.....	1,260 00		Clerk	1,332 00		
.....	.....		Clerk	1,200 00		
1,092 00	1,200 00		Clerk	1,272 00		
.....	.....		Three Clerks @ $100 each	3,600 00		
960 00	1,080 00		Stenographer	1,080 00		
840 00	.....		Stenographer	.....		
780 00	900 00		Stenographer	960 00		
720 00	870 00		Stenographer	930 00		
.....	.....		Two Stenographers @ $75 each	1,800 00		
900 00	900 00		Temporary assistance	.....		
$ 41,824 00	$ 51,670 00			$ 60,710 00		
			Expenses:			
1,778 00	2,278 00		Office supplies	3,000 00		
50 00	50 00		Travelling expenses	50 00		
.....	.....		Furniture and vault fixtures, etc.	3,000 00		
$ 43,652 00	$ 53,998 00		Total of Vote No. 50		66,760 00	
		51.	VICTORIA.			
			Salaries:			
$ 3,600 00	$ 3,600 00		Registrar-General	$ 3,720 00		
2,440 00	2,440 00		Chief Clerk	2,440 00		
1,900 00	1,900 00		Clerk	2,000 00		
1,752 00	1,800 00		Clerk	1,800 00		
1,440 00	1,740 00		Clerk	1,800 00		
1,500 00	1,680 00		Surveyor	1,780 00		
1,380 00	1,620 00		Surveyor	1,720 00		
1,476 00	1,620 00		Clerk	1,720 00		
1,476 00	1,620 00		Clerk	1,720 00		
1,440 00	1,620 00		Clerk	1,720 00		
$ 18,404 00	$ 19,640 00		*Carried forward*	$ 20,420 00	$170,972 00	$ 136,093 00

Fiscal Year, 1919-20.		No. of Vote.	SERVICE.			Fiscal Year 1920-21.
Original Estimates approved by Legislature.	Increased under "Civil Service Act" and Special Warrants, etc.					
			DEPARTMENT OF THE ATTORNEY-GENERAL—*Continued.*			
			LAND REGISTRY OFFICES—*Continued.*			
		51.	VICTORIA—*Continued.*			
$ 18,404 00	$ 19,640 00		*Brought forward*	$ 20,420 00	$170,972 00	$ 136,093 00
			Salaries—*Continued.*			
1,440 00	1,560 00		Clerk	1,660 00		
1,080 00	1,560 00		Clerk	1,660 00		
1,224 00	1,500 00		Clerk	1,600 00		
.....	.....		Clerk	1,500 00		
1,152 00	1,440 00		Clerk	1,500 00		
1,180 00	1,440 00		Clerk	1,540 00		
.....	1,440 00		Clerk	1,500 00		
.....	1,440 00		Clerk	1,500 00		
.....	1,440 00		Clerk	1,540 00		
1,152 00	1,440 00		Clerk	1,500 00		
.....	1,380 00		Clerk	1,452 00		
.....	1,260 00		Clerk	1,332 00		
.....	1,260 00		Clerk	1,332 00		
.....	.....		Three Clerks @ $100 each	3,600 00		
.....	1,080 00		Clerk	1,152 00		
780 00	810 00		Stenographer	870 00		
720 00	780 00		Stenographer	840 00		
.....	.....		Two Stenographers @ $60 each	1,440 00		
.....	360 00		Office-boy	420 00		
.....	360 00		Office-boy	420 00		
900 00	900 00		Temporary assistance	.....		
$ 27,932 00	$ 41,090 00			$ 48,778 00		
			Expenses:			
1,817 00	2,317 00		Office supplies	3,050 00		
50 00	50 00		Travelling expenses	50 00		
$ 29,799 00	$ 43,457 00		Total of Vote No. 51		51,878 00	
$ 132,446 00	$ 174,044 00		Total, all Land Registry Offices			222,850 00
			SUPREME AND COUNTY COURTS.			
		52.	CHILLIWACK.			
$ 600 00	$ 600 00		Salaries:			
480 00	480 00		Registrar	$ 600 00		
50 00	50 00		Janitor	480 00		
			Temporary assistance	50 00		
$ 1,130 00	$ 1,130 00		*Carried forward*	$ 1,130 00		$ 358,943 00

FISCAL YEAR, 1919-20. Original Estimates approved by Legislature.	Increased under "Civil Service Act" and Special Warrants, etc.	No. of Vote.	SERVICE.		Fiscal Year, 1920-21.
			DEPARTMENT OF THE ATTORNEY-GENERAL—*Continued.*		
			SUPREME AND COUNTY COURTS—*Continued.*		
		52.	CHILLIWACK—*Continued.*		
$ 1,130 00	$ 1,130 00		*Brought forward*	$ 1,130 00	$ 358,943 00
			Expenses:		
290 00	290 00		Office supplies	125 00	
750 00	750 00		Maintenance, repairs of buildings, etc.		
175 00	175 00		Fuel, water, and light	175 00	
$ 2,345 00	$ 2,345 00		Total of Vote No. 52		$ 1,430 00
		53.	LADYSMITH.		
			Salaries:		
$ 300 00	$ 420 00		Deputy Registrar	$ 420 00	
			Expenses:		
25 00	25 00		Office supplies, etc.	25 00	
$ 325 00	$ 445 00		Total of Vote No. 53		445 00
		54.	NELSON.		
			Salaries:		
$ 2,116 00	$ 2,160 00		Registrar, Supreme and County Courts	$ 2,160 00	
			Expenses:		
175 00	275 00		Office supplies, etc.	285 00	
$ 2,291 00	$ 2,435 00		Total of Vote No. 54		2,445 00
		55.	NEW WESTMINSTER.		
			Salaries:		
$ 2,248 00	$ 2,280 00		Registrar	$ 2,400 00	
1,416 00	1,500 00		Clerk	1,500 00	
960 00	1,320 00		Clerk	1,392 00	
780 00	900 00		Stenographer	960 00	
$ 5,404 00	$ 6,000 00			$ 6,252 00	
			Expenses:		
500 00	750 00		Office supplies, etc.	650 00	
$ 5,904 00	$ 6,750 00		Total of Vote No. 55		6,902 00
		56.	PRINCE RUPERT.		
			Salaries:		
$ 2,200 00	$ 2,220 00		Registrar, Supreme and County Courts	$ 2,220 00	
			Expenses:		
125 00	125 00		Office supplies, etc.	150 00	
400 00	400 00		Repairs to building	250 00	
$ 2,725 00	$ 2,745 00		Total of Vote No. 56		2,620 00
			Carried forward	$ 13,842 00	$ 358,943 00

Fiscal Year, 1919-20. Original Estimates approved by Legislature.	Fiscal Year, 1919-20. Increased under "Civil Service Act" and Special Warrants, etc.	No. of Vote.	SERVICE.		Fiscal Year 1920-21.
			DEPARTMENT OF THE ATTORNEY-GENERAL—*Continued.*		
			SUPREME AND COUNTY COURTS—*Continued.*		
			Brought forward	$ 13,842 00	$ 358,943 00
		57.	VANCOUVER.		
			Salaries:		
$ 3,720 00	$ 3,300 00		Registrar	$ 3,420 00	
2,140 00	2,160 00		Deputy Registrar	2,280 00	
1,800 00	1,800 00		Chief Clerk	1,800 00	
1,224 00	1,440 00		Clerk	1,500 00	
1,224 00	1,440 00		Clerk	1,500 00	
1,152 00	1,440 00		Clerk	1,500 00	
1,152 00	1,440 00		Clerk	1,500 00	
1,080 00	1,440 00		Clerk	1,500 00	
1,080 00	1,380 00		Clerk	1,452 00	
1,080 00	1,380 00		Clerk	1,452 00	
1,080 00	1,380 00		Clerk	1,452 00	
1,080 00	1,380 00		Clerk	1,452 00	
1,080 00	1,380 00		Clerk	1,452 00	
1,080 00	1,380 00		Clerk	1,452 00	
.....	1,320 00		Clerk	1,392 00	
.....	1,320 00		Clerk	1,392 00	
.....	.....		Two Clerks @ $100 each	2,400 00	
1,104 00	1,104 00		Clerk	1,176 00	
780 00	900 00		Stenographer	960 00	
780 00	900 00		Stenographer	960 00	
$ 22,636 00	$ 28,284 00			$ 31,992 00	
			Expenses:		
935 00	935 00		Office supplies, etc.	1,200 00	
$ 23,571 00	$ 29,219 00		Total of Vote No. 57		33,192 00
		58.	VICTORIA.		
			Salaries:		
$ 2,844 00	$ 3,000 00		Registrar, Supreme and County Courts	$ 3,000 00	
2,180 00	.....		Registrar, County Court	.....	
.....	1,710 00		Deputy Registrar and Clerk of the Peace	1,800 00	
1,320 00	.....		Clerk and Deputy Registrar	.....	
1,152 00	.....		Clerk	.....	
1,080 00	1,440 00		Clerk	1,500 00	
1,080 00	1,440 00		Clerk	1,500 00	
1,080 00	1,440 00		Clerk	1,500 00	
1,080 00	1,320 00		Clerk	1,392 00	
1,080 00	.....		Clerk	.....	
.....	1,320 00		Clerk	1,392 00	
.....	1,320 00		Clerk	1,392 00	
1,200 00	1,200 00		Usher and Janitor	1,200 00	
$ 14,096 00	$ 14,190 00		*Carried forward*	$ 14,676 00	$ 47,034 00 $ 358,943 00

FISCAL YEAR, 1919-20. Original Estimates approved by Legislature.	Increased under "Civil Service Act" and Special Warrants, etc.	No. of Vote.	SERVICE.			Fiscal Year, 1920-21.
			DEPARTMENT OF THE ATTORNEY-GENERAL—*Continued.*			
			SUPREME AND COUNTY COURTS—*Continued.*			
		58.	VICTORIA—*Continued.*			
$ 14,096 00	$ 14,190 00		*Brought forward*	$ 14,676 00	$ 47,034 00	$ 358,943 00
			Salaries—*Continued.*			
960 00	1,140 00		Assistant Janitor	1,200 00		
900 00	1,140 00		Assistant Janitor	1,140 00		
900 00	1,140 00		Engineer	1,200 00		
1,404 00	1,080 00		Clerk to Judges	1,080 00		
840 00	1,080 00		Elevator Attendant	1,140 00		
840 00	1,080 00		Nightwatchman	1,140 00		
$ 19,940 00	$ 20,850 00			$ 21,576 00		
			Expenses:			
2,000 00	2,000 00		Office supplies, etc.	1,100 00		
1,625 00	1,625 00		Maintenance and repairs	2,500 00		
1,000 00	1,000 00		Fuel, water, and light	1,000 00		
$ 24,565 00	$ 25,475 00		Total of Vote No. 58		26,176 00	
		59.	OFFICIAL STENOGRAPHERS.			
			Salaries:			
$ 2,688 00	$ 2,688 00		Two Stenographers @ $1,344 each	$ 2,688 00		
300 00	300 00		One Stenographer	300 00		
3,000 00	3,000 00		Civil Court Stenographers	3,500 00		
$ 5,988 00	$ 5,988 00			$ 6,488 00		
			Expenses:			
.....	.....		Stationery	100 00		
$ 5,988 00	$ 5,988 00		Total of Vote No. 59		6,588 00	
$ 67,714 00	$ 75,402 00		Total, all Supreme and County Courts			79,798 00
		60.	PROVINCIAL POLICE.			
			Salaries:			
$ 173,820 00	$ 207,390 00		Police and Special Constables		$230,400 00	
			Expenses:			
12,300 00	12,300 00		Office supplies, etc.		14,500 00	
53,000 00	53,000 00		Travelling expenses and transportation		77,000 00	
2,600 00	2,600 00		Furniture and fixtures		2,000 00	
11,500 00	11,500 00		Uniforms, clothing, and equipment		13,500 00	
4,000 00	4,000 00		Rents		3,500 00	
5,000 00	5,000 00		Maintenance and repairs of buildings, grounds, etc.		4,500 00	
6,000 00	6,000 00		Fuel, water, light, etc.		9,000 00	
5,000 00	5,000 00		Provisions		4,500 00	
5,000 00	5,000 00		Incidentals and contingencies		3,000 00	
$ 278,220 00	$ 311,790 00		Total of Vote No. 60			361,900 00
			Carried forward			$ 800,641 00

Fiscal Year, 1919-20.		No. of Vote.	SERVICE.		Fiscal Year, 1920-21.
Original Estimates approved by Legislature.	Increased under "Civil Service Act" and Special Warrants, etc.				
			DEPARTMENT OF THE ATTORNEY-GENERAL—*Continued.*		
			Brought forward		$ 800,641 00
			COUNTY GAOLS.		
		61.	NELSON.		
			Salaries:		
$ 9,402 00	$ 11,730 00		Gaol officials and temporary assistance	$ 6,120 00	
			Expenses:		
225 00	225 00		Office supplies, etc.	200 00	
150 00	150 00		Travelling expenses and transportation	50 00	
100 00	100 00		Furniture and fixtures	100 00	
500 00	500 00		Uniforms, clothing, and equipment	400 00	
700 00	700 00		Maintenance and repairs of buildings, grounds, etc.	1,100 00	
575 00	575 00		Fuel, water, light, etc.	525 00	
3,250 00	3,250 00		Provisions, etc.	1,500 00	
1,050 00	1,050 00		Incidentals and contingencies	200 00	
.....	.....		Medical attendance and hospital supplies	550 00	
$ 15,952 00	$ 18,280 00		Total of Vote No. 61.		$ 10,745 00
		62.	OAKALLA PRISON FARM.		
			Salaries:		
$ 25,020 00	$ 28,920 00		Gaol officials and temporary assistance	$ 32,360 00	
			Expenses:		
550 00	550 00		Office supplies, etc.	775 00	
1,750 00	1,750 00		Travelling expenses and transportation	1,500 00	
500 00	500 00		Furniture and fixtures	500 00	
2,000 00	2,000 00		Uniforms, clothing, and equipment	2,500 00	
6,050 00	6,050 00		Maintenance and repairs of buildings, grounds, etc.	8,200 00	
5,400 00	5,400 00		Fuel, water, light, etc.	7,500 00	
11,800 00	11,800 00		Provisions, etc.	19,500 00	
3,500 00	3,500 00		Incidentals and contingencies	500 00	
.....	.....		Medical attendance and hospital supplies	1,500 00	
$ 56,570 00	$ 60,470 00		Total of Vote No. 62		74,835 00
$ 72,522 00	$ 78,750 00		Total, County Gaols		85,580 00
			INDUSTRIAL SCHOOLS.		
		63.	BOYS' SCHOOL.		
			Salaries:		
$ 12,768 00	$ 13,464 00		Superintendent and staff, including temporary assistance	$ 14,374 00	
$ 12,768 00	$ 13,464 00		*Carried forward*	$ 14,374 00	$ 886,221 00

FISCAL YEAR, 1919-20. Original Estimates approved by Legislature.	FISCAL YEAR, 1919-20. Increased under "Civil Service Act" and Special Warrants, etc.	No. of Vote.	SERVICE.			Fiscal Year, 1920-21.
			DEPARTMENT OF THE ATTORNEY-GENERAL—*Continued.*			
			INDUSTRIAL SCHOOLS—*Continued.*			
		63.	BOYS' SCHOOL—*Continued.*			
$ 12,768 00	$ 13,464 00		*Brought forward*	$ 14,374 00		$ 886,221 00
			Expenses:			
950 00	950 00		Office supplies, etc.	825 00		
400 00	400 00		Travelling expenses and transportation	500 00		
2,000 00	2,000 00		Furniture and fixtures	2,450 00		
5,000 00	5,000 00		Clothing, boots, etc.	7,000 00		
6,200 00	6,200 00		Maintenance and repairs of buildings, grounds, etc.	3,155 00		
1,700 00	1,700 00		Fuel, water, light, etc.	2,000 00		
9,550 00	9,550 00		Provisions, etc.	9,500 00		
1,350 00	1,350 00		Incidentals and contingencies	2,150 00		
.....	.....		Medical attendance and hospital supplies	1,250 00		
$ 39,918 00	$ 40,614 00		Total of Vote No. 63		$ 43,204 00	
		64.	GIRLS' SCHOOL.			
			Salaries:			
$ 1,320 00	$ 1,380 00		Superintendent	$ 1,500 00		
720 00	840 00		Nurse and Matron	900 00		
600 00	660 00		Assistant	720 00		
600 00	660 00		Assistant	720 00		
960 00	960 00		Teacher and Agricultural Instructor	1,500 00		
600 00	660 00		Needlewoman	720 00		
600 00	660 00		Laundrywoman	720 00		
600 00	660 00		Cook	720 00		
1,500 00	1,560 00		Engineer and Janitor	1,560 00		
1,140 00	1,200 00		Gardener	1,260 00		
300 00	300 00		Commercial Teacher (9 months)	450 00		
400 00	400 00		Medical Officer	.....		
.....	.....		Temporary assistance	150 00		
$ 9,340 00	$ 9,940 00			$ 10,920 00		
			Expenses:			
850 00	850 00		Office supplies, etc.	650 00		
100 00	100 00		Travelling expenses and transportation	140 00		
500 00	500 00		Furniture and fixtures	750 00		
1,200 00	1,200 00		Clothing, boots, etc.	1,800 00		
4,250 00	4,250 00		Maintenance and repairs of buildings, grounds, etc.	4,540 00		
1,645 00	1,645 00		Fuel, water, light, etc.	1,825 00		
5,300 00	5,300 00		Provisions, etc.	6,000 00		
150 00	150 00		Incidentals and contingencies	350 00		
$ 23,335 00	$ 23,935 00		*Carried forward*	$ 26,975 00	$ 43,204 00	$ 886,221 00

Fiscal Year, 1919-20.		No. of Vote.	SERVICE.			Fiscal Year, 1920-21.
Original Estimates approved by Legislature.	Increased under "Civil Service Act" and Special Warrants, etc.					
			DEPARTMENT OF THE ATTORNEY-GENERAL—*Continued.*			
			INDUSTRIAL SCHOOLS—*Continued.*			
		64.	GIRLS' SCHOOL—*Continued.*			
$ 23,335 00	$ 23,935 00		*Brought forward*	$ 26,975 00	$ 43,204 00	$ 886,221 00
			Expenses—*Continued.*			
.....	.....		Medical attendance and hospital supplies	1,000 00		
$ 23,335 00	$ 23,935 00		Total of Vote No. 64		27,975 00	
$ 63,253 00	$ 64,549 00		Total expenditure, all Industrial Schools			71,179 00
		65.	"INFANTS ACT" AND REFUGE HOMES.			
			Salaries:			
$ 3,120 00	$ 2,700 00		Superintendent of Neglected Children		$ 3,120 00	
.....	780 00		Stenographer		840 00	
$ 3,120 00	$ 3,480 00				$ 3,960 00	
			Expenses:			
2,380 00	2,380 00		Office supplies, etc.		1,500 00	
.....	.....		Travelling expenses		2,500 00	
29,000 00	29,000 00		Grants and contributions to homes, aid societies, etc.		30,000 00	
.....	.....		Incidentals and contingencies		1,000 00	
$ 34,500 00	$ 34,860 00		Total of Vote No. 65			38,960 00
		66.	PUBLIC UTILITIES COMMISSION.			
			Salaries:			
.....	$ 7,500 00		Commissioner		$ 7,500 00	
.....	3,000 00		Secretary		3,120 00	
.....	1,440 00		Clerk		1,500 00	
.....	780 00		Stenographer		840 00	
.....	$ 12,720 00				$ 12,960 00	
			Expenses:			
.....	.....		Office supplies, etc.		1,400 00	
.....	4,000 00		Travelling expenses		5,000 00	
.....	.....		Expenses of inquiries		5,000 00	
.....	$ 16,720 00		Total of Vote No. 66			24,360 00
			MISCELLANEOUS VOTES.			
$ 16,000 00	$ 18,500 00	67.	Summoning and paying witnesses		$ 25,000 00	
15,000 00	20,250 00	68.	Grand and Petit Jurors (including drawing panels, etc.)		30,000 00	
$ 31,000 00	$ 38,750 00		*Carried forward*		$ 55,000 00	$1,020,720 00

FISCAL YEAR, 1919-20. Original Estimates approved by Legislature.	Increased under "Civil Service Act" and Special Warrants, etc.	No. of Vote.	SERVICE.		Fiscal Year, 1920-21.
			DEPARTMENT OF THE ATTORNEY-GENERAL—*Continued.*		
			MISCELLANEOUS VOTES—*Continued.*		
$ 31,000 00	$ 38,750 00		*Brought forward*	$ 55,000 00	$1,020,720 00
17,000 00	22,500 00	69.	Prosecutions and Interpreters	22,500 00	
6,500 00	6,500 00	70.	Expenses of inquests	6,000 00	
2,000 00	2,000 00	71.	Rewards	2,000 00	
10,000 00	30,000 00	72.	Constitutional litigation and general law costs	10,000 00	
14,000 00	21,000 00	73.	Motor-traffic regulation (plates, badges, etc.)	9,500 00	
35,000 00	35,000 00	74.	Destruction of wolves, cougars, coyotes, owls, etc., and game protection, including salaries, travelling expenses, incidentals of office, publicity, and contingencies	40,000 00	
2,500 00	3,250 00	75.	Special surveys	2,500 00	
3,300 00	3,300 00	76.	Stipendiary Magistrates:		
			Nelson $ 500 00		
			Provisional 3,500 00		
				4,000 00	
5,000 00	9,884 08	77.	Incidentals and contingencies	10,000 00	
1,500 00	1,500 00	78.	Promotion of uniformity of Provincial legislation in Canada	1,500 00	
$ 127,800 00	$ 173,684 08		Total, Miscellaneous Votes		163,000 00
$ 919,402 00	$1,097,906 08		Total, Department of the Attorney-General		$1,183,720 00
			DEPARTMENT OF EDUCATION.		
		79.	GENERAL OFFICE.		
			Salaries:		
$ 4,000 00	$ 4,000 00		Superintendent of Education	$ 4,000 00	
3,000 00	3,300 00		Assistant Superintendent of Education	3,480 00	
2,332 00	2,332 00		Chief Clerk	2,400 00	
1,152 00	1,152 00		Clerk and Stenographer	1,152 00	
600 00	1,020 00		Clerk	1,080 00	
960 00	1,020 00		Stenographer	1,080 00	
720 00	840 00		Stenographer	840 00	
600 00	745 00		Stenographer	840 00	
.....	.....		Registrar	1,800 00	
500 00	500 00		Temporary assistance	500 00	
$ 13,864 00	$ 14,909 00			$ 17,172 00	
			Expenses:		
7,370 00	7,370 00		Office supplies, etc.	7,370 00	
800 00	800 00		Travelling expenses	800 00	
$ 22,034 00	$ 23,079 00		Total of Vote No. 79		$ 25,342 00
			Carried forward		$ 25,342 00

Fiscal Year, 1919-20. Original Estimates approved by Legislature.	Fiscal Year, 1919-20. Increased under "Civil Service Act" and Special Warrants, etc.	No. of Vote.	SERVICE.		Fiscal Year, 1920-21.
			DEPARTMENT OF EDUCATION—*Continued.*		
			Brought forward		$ 25,342 00
		80.	FREE TEXT-BOOK BRANCH.		
			Salaries:		
$ 2,760 00	$ 2,760 00		Officer in Charge	$ 2,100 00	
900 00	1,440 00		Clerk	1,500 00	
840 00	900 00		Stenographer	960 00	
600 00	745 00		Stenographer	840 00	
900 00	900 00		Temporary assistance	1,000 00	
$ 6,000 00	$ 6,745 00			$ 6,400 00	
			Expenses:		
2,656 00	2,656 00		Office supplies, etc.	2,656 00	
100 00	100 00		Travelling expenses	50 00	
65,000 00	65,000 00		Text-books, maps, globes, etc.	70,000 00	
$ 73,756 00	$ 74,501 00		Total of Vote No. 80		79,106 00
		81.	AGRICULTURAL EDUCATION.		
			Salaries:		
$ 3,240 00	$ 3,300 00		Director of Agricultural Education	$ 3,420 00	
2,000 00	2,200 00		District Supervisor	2,320 00	
3,800 00	4,200 00		Two District Supervisors @ $2,220 each	4,440 00	
5,400 00	6,000 00		Three District Supervisors @ $2,120 each	6,360 00	
1,800 00	1,900 00		District Supervisor	2,020 00	
1,000 00	1,900 00		District Supervisor	1,900 00	
.....	.....		Two District Supervisors @ $1,800 each	3,600 00	
780 00	795 00		Clerk and Stenographer	870 00	
$ 18,020 00	$ 20,295 00			$ 24,930 00	
			Expenses:		
1,280 00	1,280 00		Office supplies, etc.	1,000 00	
1,600 00	1,600 00		Travelling expenses	1,600 00	
15,000 00	15,000 00		Grants in aid of agricultural education	15,000 00	
4,000 00	4,000 00		Summer school (rural science)	8,000 00	
$ 39,900 00	$ 42,175 00			$ 50,530 00	
Less 20,000 00	*Less* 20,000 00		*Less* Special grant from Dominion Government	20,000 00	
$ 19,900 00	$ 22,175 00		Total of Vote No. 81		30,530 00
		82.	INDUSTRIAL EDUCATION.		
			Salaries:		
$ 2,940 00	$ 3,000 00		Organizer of Industrial and Technical Education	$ 3,120 00	
.....	2,100 00		Officer in Charge of Correspondence Course	2,220 00	
.....	810 00		Clerk and Stenographer	870 00	
$ 2,940 00	$ 5,910 00		*Carried forward*	$ 6,210 00	$ 134,978 00

FISCAL YEAR, 1919-20. Original Estimates approved by Legislature.	FISCAL YEAR, 1919-20. Increased under "Civil Service Act" and Special Warrants, etc.	No. of Vote.	SERVICE.		Fiscal Year, 1920-21.
			DEPARTMENT OF EDUCATION—*Continued.*		
		82.	INDUSTRIAL EDUCATION—*Continued.*		
$ 2,940 00	$ 5,910 00		*Brought forward*	$ 6,210 00	$ 134,978 00
			Expenses:		
425 00	425 00		Office supplies, etc.	1,000 00	
1,500 00	1,500 00		Travelling expenses	2,000 00	
7,000 00	13,000 00		Night-schools	11,500 00	
6,000 00	6,000 00		Summer schools	8,000 00	
7,000 00	7,000 00		Grants in aid of industrial, commercial, and household science education	43,000 00	
.....	.....		Grant in aid of Technical School, Vancouver	50,000 00	
$ 24,865 00	$ 33,835 00		Total of Vote No. 82		121,710 00
		83.	INSPECTION OF SCHOOLS.		
			Salaries:		
.....	$ 3,000 00		Inspector of High Schools	$ 3,120 00	
$ 2,520 00	2,820 00		Inspector of High Schools	2,940 00	
2,600 00	2,760 00		Inspector of Schools	2,880 00	
2,540 00	2,700 00		Inspector of Schools	2,820 00	
2,440 00	2,700 00		Inspector of Schools	2,820 00	
2,400 00	2,640 00		Inspector of Schools	2,760 00	
.....	2,640 00		Inspector of Schools	2,760 00	
9,120 00	10,080 00		Four Inspectors of Schools @ $2,640 each	10,560 00	
2,160 00	2,460 00		Inspector of Schools	2,580 00	
2,160 00	2,400 00		Inspector of Schools	2,520 00	
2,100 00	2,340 00		Inspector of Schools	2,460 00	
.....	2,280 00		Inspector of Schools	2,400 00	
.....	.....		Inspector of Schools	2,280 00	
.....	745 00		Stenographer	780 00	
$ 28,040 00	$ 39,565 00			$ 43,680 00	
			Expenses:		
2,000 00	2,000 00		Office supplies, etc.	2,500 00	
13,000 00	13,000 00		Travelling expenses	16,000 00	
400 00	400 00		Office-rents	400 00	
$ 43,440 00	$ 54,965 00		Total of Vote No. 83		62,580 00
			NORMAL SCHOOLS.		
		84.	VANCOUVER.		
			Salaries:		
$ 3,000 00	$ 3,300 00		Principal	$ 3,420 00	
.....	3,000 00		Assistant Master	3,120 00	
2,800 00	2,920 00		Assistant Master	3,040 00	
2,400 00	2,640 00		Assistant Master	2,760 00	
2,280 00	2,580 00		Assistant Master	2,700 00	
$ 10,480 00	$ 14,440 00		*Carried forward*	$ 15,040 00	$ 319,268 00

Fiscal Year, 1919-20. Original Estimates approved by Legislature.	Fiscal Year, 1919-20. Increased under "Civil Service Act" and Special Warrants, etc.	No. of Vote.	SERVICE.			Fiscal Year, 1920-21.
			DEPARTMENT OF EDUCATION—*Continued.*			
			NORMAL SCHOOLS—*Continued.*			
		84.	VANCOUVER—*Continued.*			
$ 10,480 00	$ 14,440 00		*Brought forward*	$ 15,040 00		$ 319,268 00
			Salaries—*Continued.*			
1,740 00	2,400 00		Assistant Master	2,520 00		
1,680 00	1,920 00		Assistant Mistress	2,040 00		
1,560 00	1,800 00		Music Mistress	1,920 00		
720 00	900 00		Librarian and Stenographer	960 00		
1,080 00	1,140 00		Engineer and Janitor	1,170 00		
960 00	1,080 00		Assistant Janitor	1,110 00		
960 00	1,140 00		Gardener	1,170 00		
780 00	1,080 00		Assistant Gardener	1,110 00		
$ 19,960 00	$ 25,900 00			$ 27,040 00		
			Expenses:			
1,600 00	1,600 00		Office supplies, etc.	2,500 00		
50 00	50 00		Travelling expenses	50 00		
1,600 00	1,600 00		Fuel, water, and light	2,000 00		
1,700 00	1,700 00		Maintenance and repairs of buildings, grounds, etc.	2,000 00		
3,500 00	3,500 00		Students' mileage	2,000 00		
1,000 00	1,000 00		Allowance to teachers assisting Normal students	1,200 00		
$ 29,410 00	$ 35,350 00		Total of Vote No. 84		$ 36,790 00	
		85.	VICTORIA.			
			Salaries:			
$ 3,000 00	$ 3,300 00		Principal	$ 3,420 00		
2,520 00	2,760 00		Assistant Master	2,880 00		
2,480 00	2,700 00		Assistant Master	2,820 00		
.....	2,400 00		Assistant Master	2,520 00		
1,560 00	1,680 00		Domestic Science Mistress	1,800 00		
1,440 00	1,560 00		Assistant Mistress	1,680 00		
1,620 00	1,740 00		Principal, Model School	1,800 00		
1,200 00	1,320 00		Teacher, Model School	1,440 00		
1,500 00	1,560 00		Engineer	1,560 00		
1,080 00	1,320 00		Assistant Engineer	1,320 00		
960 00	1,140 00		Janitor	1,170 00		
.....	.....		Stenographer and Librarian	780 00		
$ 17,360 00	$ 21,480 00			$ 23,190 00		
			Expenses:			
2,475 00	2,475 00		Office supplies, etc.	2,475 00		
50 00	50 00		Travelling expenses	100 00		
2,000 00	2,000 00		Fuel, water, and light	2,150 00		
3,500 00	3,500 00		Maintenance and repairs of buildings, grounds, etc.	4,750 00		
$ 25,385 00	$ 29,505 00		*Carried forward*	$ 32,665 00	$ 36,790 00	$ 319,268 00

FISCAL YEAR, 1919-20. Original Estimates approved by Legislature.	Increased under "Civil Service Act" and Special Warrants, etc.	No. of Vote.	SERVICE.			Fiscal Year, 1920-21.
			DEPARTMENT OF EDUCATION—*Continued.*			
			NORMAL SCHOOLS—*Continued.*			
		85.	VICTORIA—*Continued.*			
$ 25,385 00	$ 29,505 00		*Brought forward*	$ 32,665 00	$ 36,790 00	$ 319,268 00
			Expenses—*Continued.*			
3,500 00	6,000 00		Students' mileage	5,000 00		
750 00	750 00		Allowance to teachers assisting Normal students	850 00		
.....	.....		Incidentals	100 00		
$ 29,635 00	$ 36,255 00		Total of Vote No. 85		38,615 00	
$ 59,045 00	$ 71,605 00		Total, Normal Schools			75,405 00
		86.	DEAF, DUMB, AND BLIND.			
$ 14,000 00	$ 14,000 00		Salaries of staff, general expenses, maintenance and repairs of buildings, etc., and education of pupils			40,000 00
			PER CAPITA GRANTS.			
$ 560,000 00	$ 560,000 00	87.	Cities		$616,000 00	
320,000 00	320,000 00	88.	Municipalities		385,000 00	
130,000 00	130,000 00	89.	Rural school districts		137,500 00	
$1,010,000 00	$1,010,000 00		Total, Per Capita Grants			1,138,500 00
			TEACHERS' SALARIES.			
$ 345,000 00	$ 345,000 00	90.	Assisted schools (as per Schedule)		$422,000 00	
80,000 00	80,000 00	91.	E. & N. Railway Belt (as per Schedule)		92,340 00	
$ 425,000 00	$ 425,000 00		Total, Teachers' Salaries			514,340 00
		92.	SCHOOL BUILDINGS.			
$ 125,000 00	$ 145,000 00		Erection of new buildings and maintenance and repairs of school buildings			320,000 00
			MISCELLANEOUS VOTES.			
$ 1,000 00	$ 1,000 00	93.	Grants to libraries		$ 1,000 00	
2,000 00	2,000 00	94.	Grants in aid of manual-training equipment		2,000 00	
13,500 00	16,000 00	95.	Examination of teachers and High School Entrance classes		17,500 00	
6,500 00	6,500 00	96.	Conveying children to central schools		8,000 00	
.....	.....	97.	Scholarships for British Columbia students for post-graduate study in France		3,600 00	
4,500 00	4,500 00	98.	Contingencies and incidentals		5,000 00	
$ 27,500 00	$ 30,000 00		Total, Miscellaneous Votes			37,100 00
$ 285,000 00	$ 388,000 00	99.	Grant to University of British Columbia			420,000 00
$2,129,540 00	$2,292,160 00		Total for Educational Purposes			$2,864,613 00

Fiscal Year, 1919-20.		No. of Vote.	SERVICE.		Fiscal Year, 1920-21.
Original Estimates approved by Legislature.	Increased under "Civil Service Act" and Special Warrants, etc.				
			DEPARTMENT OF FINANCE.		
		100.	**Minister's Office.**		
			Salaries:		
$ 6,000 00	$ 6,000 00		Minister of Finance	$ 6,000 00	
1,920 00	1,920 00		Secretary	2,040 00	
780 00	900 00		Clerk and Stenographer	960 00	
$ 8,700 00	$ 8,820 00			$ 9,000 00	
			Expenses:		
700 00	700 00		Office supplies, etc.	700 00	
1,500 00	1,500 00		Travelling expenses	2,500 00	
$ 10,900 00	$ 11,020 00		Total of Vote No. 100		$ 12,200 00
		101.	**General Office.**		
			Salaries:		
$ 4,200 00	$ 4,200 00		Deputy Minister	$ 4,320 00	
.....	3,000 00		Asst. Deputy Minister and Inspector of Revenue	3,300 00	
.....	.....		Chief Clerk	2,400 00	
2,100 00	2,100 00		Clerk	2,220 00	
.....	2,400 00		Clerk	.....	
1,800 00	1,920 00		Cashier	1,920 00	
1,764 00	1,800 00		Clerk	1,800 00	
1,252 00	1,380 00		Clerk	1,452 00	
1,200 00	1,380 00		Clerk	1,452 00	
1,180 00	1,380 00		Clerk	1,452 00	
840 00	960 00		Clerk	1,020 00	
.....	840 00		Stenographer	900 00	
$ 14,336 00	$ 21,360 00			$ 22,236 00	
			Expenses:		
8,024 00	8,024 00		Office supplies, etc.	7,470 00	
1,640 00	1,640 00		Discount and exchange, legal expenses, etc.	2,450 00	
$ 24,000 00	$ 31,024 00		Total of Vote No. 101		32,156 00
		102.	**Inspector of Trust Companies, Probate and Succession Duties.**		
			Salaries:		
$ 2,640 00	$ 2,880 00		Inspector	$ 2,550 00	
.....	1,800 00		Clerk	1,800 00	
720 00	900 00		Clerk	.....	
600 00	840 00		Stenographer	900 00	
6,000 00	9,000 00		Valuators of Estates	7,500 00	
.....	.....		Temporary assistance	1,200 00	
$ 9,960 00	$ 15,420 00		*Carried forward*	$ 13,950 00	$ 44,356 00

FISCAL YEAR, 1919-20. Original Estimates approved by Legislature.	Increased under "Civil Service Act" and Special Warrants, etc.	No. of Vote.	SERVICE.		Fiscal Year, 1920-21.
			DEPARTMENT OF FINANCE—*Continued.*		
		102.	INSPECTOR OF TRUST COMPANIES, ETC.—*Continued.*		
$ 9,960 00	$ 15,420 00		*Brought forward*	$ 13,950 00	$ 44,356 00
			Expenses:		
840 00	965 00		Office supplies, etc.	1,375 00	
500 00	1,000 00		Travelling expenses	500 00	
$ 11,300 00	$ 17,385 00		Total of Vote No. 102		15,825 00
		103.	CONTROLLING AND AUDIT BRANCH.		
			Salaries:		
$ 5,000 00	$ 5,000 00		Comptroller-General	$ 6,000 00	
2,500 00	3,000 00		Deputy Comptroller-General	3,000 00	
1,320 00	1,800 00		Accountant	1,900 00	
840 00	900 00		Secretary	960 00	
2,220 00	2,520 00		Auditor of Revenue	2,640 00	
3,240 00	3,600 00		Two Travelling Auditors @ $1,920 each	3,840 00	
1,620 00	1,800 00		Travelling Auditor	1,800 00	
720 00	720 00		Stenographer	840 00	
2,220 00	2,520 00		Auditor of Disbursements	2,640 00	
1,500 00	1,800 00		Chief Clerk	1,900 00	
3,240 00	3,440 00		Two Clerks @ $1,800 each	3,600 00	
4,020 00	4,680 00		Three Clerks @ $1,660 each	4,980 00	
1,200 00	1,440 00		Clerk	1,500 00	
1,100 00	1,380 00		Clerk	1,380 00	
480 00	780 00		Junior Clerk	840 00	
840 00	900 00		Stenographer	900 00	
780 00	840 00		Stenographer	900 00	
3,000 00	3,120 00		Purchasing Agent	3,240 00	
Nil.	2,000 00		Assistant Purchasing Agent	2,100 00	
1,500 00	1,500 00		Clerk	1,500 00	
720 00	810 00		Stenographer	870 00	
$ 38,060 00	$ 44,550 00			$ 47,330 00	
			Expenses:		
1,440 00	1,440 00		Office supplies, etc.	1,370 00	
3,200 00	3,200 00		Travelling expenses	3,200 00	
$ 42,700 00	$ 49,190 00		Total of Vote No. 103		51,900 00
		104.	SURVEYOR OF TAXES.		
			Salaries:		
$ 2,700 00	$ 3,300 00		Surveyor of Taxes	$ 3,300 00	
2,400 00	3,000 00		Assistant Surveyor of Taxes	3,000 00	
.....	.....		Supervisor	2,100 00	
.....	1,620 00		Chief Clerk	1,720 00	
$ 5,100 00	$ 7,920 00		*Carried forward*	$ 10,120 00	$ 112,081 00

FISCAL YEAR, 1919-20. Original Estimates approved by Legislature.	Increased under "Civil Service Act" and Special Warrants, etc.	No. of Vote.	SERVICE.		Fiscal Year, 1920-21.
			DEPARTMENT OF FINANCE—*Continued.*		
		104.	SURVEYOR OF TAXES—*Continued.*		
$ 5,100 00	$ 7,920 00		*Brought forward*	$ 10,120 00	$ 112,081 00
			Salaries—*Continued.*		
1,500 00	1,500 00		Clerk	1,500 00	
1,500 00	1,440 00		Clerk	1,500 00	
1,500 00	1,440 00		Clerk	1,500 00	
840 00	780 00		Clerk and Stenographer	840 00	
600 00	780 00		Stenographer	840 00	
600 00	720 00		Stenographer	780 00	
2,500 00	2,500 00		Temporary assistance	2,000 00	
$ 14,140 00	$ 17,080 00			$ 19,080 00	
			Expenses:		
10,000 00	10,000 00		Office supplies, etc.	9,000 00	
1,500 00	1,500 00		Travelling expenses	1,500 00	
16,000 00	16,000 00		Commission on collection of revenue	16,000 00	
17,500 00	17,500 00		Special Auditors, salaries and expenses	30,000 00	
3,000 00	3,000 00		Courts of Appeal	3,000 00	
.....	.....		Timber-cruising, equalization, etc.	35,000 00	
$ 62,140 00	$ 65,080 00		Total of Vote No. 104		113,580 00
		105.	BUREAU OF INFORMATION.		
			Salaries:		
.....	.....		Secretary	$ 2,400 00	
.....	.....		Clerk	1,800 00	
$ 1,200 00	$ 1,320 00		Clerk	1,392 00	
.....	.....		Stenographer	780 00	
.....	.....		Junior Clerk	900 00	
300 00	300 00		Temporary assistance	.....	
$ 1,500 00	$ 1,620 00			$ 7,272 00	
			Expenses:		
500 00	500 00		Office supplies, etc.	500 00	
5,500 00	5,500 00		Pamphlets, editing and sundry expenses	25,000 00	
$ 7,500 00	$ 7,620 00		Total of Vote No. 105		32,772 00
		106.	AGENT-GENERAL'S OFFICE, LONDON, ENGLAND.		
			Salaries:		
$ 8,000 00	$ 8,000 00		Agent-General	$ 8,000 00	
3,600 00	3,600 00		Secretary	3,900 00	
.....	.....		Private Secretary	1,500 00	
1,008 80	1,008 80		Clerk	.....	
378 30	378 30		Clerk	630 52	
.....	.....		Clerk	409 88	
$ 12,987 10	$ 12,987 10		*Carried forward*	$ 14,440 40	$ 258,433 00

FISCAL YEAR, 1919-20. Original Estimates approved by Legislature.	Increased under "Civil Service Act" and Special Warrants, etc.	No. of Vote.	SERVICE.			Fiscal Year, 1920-21.
			DEPARTMENT OF FINANCE—*Continued.*			
		106.	AGENT-GENERAL'S OFFICE, LONDON, ENGLAND—*Continued.*			
$ 12,987 10	$ 12,987 10		*Brought forward*		$ 14,440 40	$ 258,433 00
			Salaries—*Continued.*			
220 64	220 64		Office-boy		441 36	
157 61	157 61		Office-boy		.....	
756 60	756 60		Stenographer		974 20	
409 84	409 84		Stenographer		756 60	
283 71	283 71		Assistant Typist		567 48	
650 00	650 00		Temporary assistance		419 96	
.....	.....		Difference in rate of exchange		2,000 00	
$ 15,465 50	$ 15,465 50				$ 19,600 00	
			Expenses:			
$ 4,300 00	$ 4,300 00		Office supplies, etc.	$ 4,300 00		
250 00	250 00		Allowance, travelling and other expenses	1,750 00		
3,500 00	3,500 00		Advertising	3,500 00		
$ 8,050 00	$ 8,050 00				9,550 00	
			British Columbia House, London:			
$ 12,125 00	$ 12,125 00		Interest on mortgage	$ 12,125 00		
12,125 00	12,125 00		Ground-rent	12,125 00		
12,000 00	12,000 00		Rates and taxes	16,500 00		
8,000 00	8,000 00		Income-tax	4,000 00		
1,000 00	1,000 00		Maintenance and repairs to building	1,500 00		
500 00	500 00		Insurance	350 00		
2,700 00	2,700 00		Fuel and light	2,700 00		
5,000 00	5,000 00		Cleaning and Janitors' supplies	5,000 00		
.....	.....		Contingencies	1,000 00		
$ 53,450 00	$ 53,450 00				55,300 00	
$ 76,965 50	$ 76,965 50		Total of Vote No. 106			84,450 00
			GOVERNMENT AGENTS AND ASSESSORS, ETC.			
		107.	ALBERNI AGENCY.			
			Salaries:			
$ 1,800 00	$ 1,920 00		Agent and Collector	$ 2,020 00		
.....	.....		Assessor	1,800 00		
1,404 00	1,500 00		Clerk and Registrar, County Court	1,500 00		
1,200 00	1,380 00		Clerk	1,452 00		
720 00	720 00		Stenographer	780 00		
480 00	540 00		Janitor	540 00		
$ 5,604 00	$ 6,060 00		*Carried forward*	$ 8,092 00		$ 342,883 00

Fiscal Year, 1919-20. Original Estimates approved by Legislature.	Fiscal Year, 1919-20. Increased under "Civil Service Act" and Special Warrants, etc.	No. of Vote.	SERVICE.		Fiscal Year, 1920-21.
			DEPARTMENT OF FINANCE—*Continued.*		
			GOVERNMENT AGENTS AND ASSESSORS, ETC.—*Continued.*		
		107.	ALBERNI AGENCY—*Continued.*		
$ 5,604 00	$ 6,060 00		*Brought forward*	$ 8,092 00	$ 342,883 00
846 00	846 00		Expenses (including $150, repairs to building)	1,500 00	
$ 6,450 00	$ 6,906 00		Total of Vote No. 107		$ 9,592 00
		108.	ANYOX AGENCY.		
			Salaries:		
$ 1,800 00	$ 1,800 00		Agent	$ 1,800 00	
.....	.....		Stenographer	900 00	
900 00	900 00		Temporary assistance	.....	
$ 2,700 00	$ 2,700 00			$ 2,700 00	
950 00	950 00		Expenses	1,000 00	
$ 3,650 00	$ 3,650 00		Total of Vote No. 108		3,700 00
		109.	ASHCROFT AGENCY.		
			Salaries:		
$ 2,084 00	$ 2,084 00		Agent and Collector	$ 1,800 00	
.....	.....		Assessor	1,500 00	
1,200 00	1,380 00		Clerk	1,452 00	
.....	1,000 00		Clerk	.....	
.....	720 00		Stenographer	.....	
100 00	100 00		Temporary assistance	500 00	
$ 3,384 00	$ 5,284 00			$ 5,252 00	
936 00	936 00		Expenses (including $900, repairs to building)	2,258 00	
$ 4,320 00	$ 6,220 00		Total of Vote No. 109		7,510 00
		110.	ATLIN.		
			Salaries:		
$ 2,400 00	$ 2,400 00		Agent and Gold Commissioner, etc. ...	$ 2,400 00	
1,800 00	1,800 00		Assessor	1,800 00	
1,660 00	1,740 00		Clerk	1,800 00	
1,032 00	1,032 00		Stenographer	1,080 00	
730 00	730 00		Janitor and Nightwatchman	730 00	
300 00	300 00		Temporary assistance	500 00	
$ 7,922 00	$ 8,002 00			$ 8,310 00	
3,370 00	3,370 00		Expenses (including $1,350, repairs to building and heating plant)	4,660 00	
$ 11,292 00	$ 11,372 00		Total of Vote No. 110		12,970 00
			Carried forward	$ 33,772 00	$ 342,883 00

FISCAL YEAR, 1919-20. Original Estimates approved by Legislature.	Increased under "Civil Service Act" and Special Warrants, etc.	No. of Vote.	SERVICE.		Fiscal Year, 1920-21.
			DEPARTMENT OF FINANCE—*Continued.*		
			GOVERNMENT AGENTS AND ASSESSORS, ETC.—*Continued.*		
			Brought forward	$ 33,772 00	$ 342,883 00
		111.	BARKERVILLE SUB-AGENCY.		
			Salaries:		
$ 1,720 00	$ 1,800 00		Gold Commissioner and Mining Recorder	$ 1,900 00	
720 00	780 00		Stenographer	840 00	
$ 2,440 00	$ 2,580 00			$ 2,740 00	
690 00	690 00		Expenses (including $600, repairs to building)	1,608 00	
$ 3,130 00	$ 3,270 00		Total of Vote No. 111		4,348 00
		112.	CLINTON AGENCY.		
			Salaries:		
$ 1,980 00	$ 2,040 00		Agent	$ 2,100 00	
1,200 00	1,440 00		Clerk	1,500 00	
720 00	840 00		Stenographer	900 00	
.....	.....		Temporary assistance	300 00	
$ 3,900 00	$ 4,320 00			$ 4,800 00	
1,400 00	1,400 00		Expenses (including $500, repairs to buildings)	1,943 00	
$ 5,300 00	$ 5,720 00		Total of Vote No. 112		6,743 00
		113.	CRANBROOK AGENCY.		
			Salaries:		
$ 2,100 00	$ 2,220 00		Agent and Collector	$ 2,340 00	
.....	.....		Assessor	1,800 00	
1,500 00	1,620 00		Clerk and Registrar	1,720 00	
1,320 00	1,440 00		Clerk	1,540 00	
.....	.....		Clerk	1,500 00	
840 00	1,020 00		Clerk	1,080 00	
720 00	720 00		Clerk	.....	
720 00	870 00		Stenographer	930 00	
900 00	1,080 00		Janitor	1,080 00	
600 00	600 00		Temporary assistance	.....	
$ 8,700 00	$ 9,570 00			$ 11,990 00	
3,000 00	3,000 00		Expenses (including $200, repairs to building)	3,063 00	
$ 11,700 00	$ 12,570 00		Total of Vote No. 113		15,053 00
			Carried forward		$ 59,916 00 $ 342,883 00

FISCAL YEAR, 1919-20. Original Estimates approved by Legislature.	Increased under "Civil Service Act" and Special Warrants, etc.	No. of Vote.	SERVICE.		Fiscal Year, 1920-21.
			DEPARTMENT OF FINANCE—*Continued.*		
			GOVERNMENT AGENTS AND ASSESSORS, ETC.—*Continued.*		
			Brought forward	$ 59,916 00	$ 342,883 00
		114.	CUMBERLAND AGENCY.		
			Salaries:		
$ 2,100 00	$ 2,100 00		Agent and Collector	$ 2,100 00	
.....	.....		Assessor	1,800 00	
1,320 00	1,500 00		Clerk	1,500 00	
900 00	1,320 00		Clerk	1,392 00	
.....	.....		Stenographer	780 00	
$ 4,320 00	$ 4,920 00			$ 7,572 00	
790 00	790 00		Expenses (including $350, repairs to building)	2,048 00	
$ 5,110 00	$ 5,710 00		Total of Vote No. 114		9,620 00
		115.	DUNCAN AGENCY.		
			Salaries:		
$ 1,864 00	$ 1,920 00		Agent and Collector	$ 2,020 00	
.....	.....		Assessor	1,800 00	
1,000 00	1,120 00		Clerk	1,192 00	
.....	.....		Clerk	.....	
720 00	810 00		Clerk and Stenographer	870 00	
.....	.....		Temporary assistance	300 00	
$ 3,584 00	$ 3,850 00			$ 6,182 00	
995 00	995 00		Expenses (including $200, repairs to building)	1,524 00	
$ 4,579 00	$ 4,845 00		Total of Vote No. 115		7,706 00
		116.	FAIRVIEW AGENCY.		
			Salaries:		
$ 2,060 00	$ 2,100 00		Agent	$ 2,100 00	
.....	.....		Assessor	1,800 00	
1,416 00	1,500 00		Clerk	1,500 00	
1,320 00	1,320 00		Clerk	.....	
.....	.....		Junior Clerk	780 00	
$ 4,796 00	$ 4,920 00			$ 6,180 00	
1,404 00	1,404 00		Expenses (including $150, repairs to building)	2,035 00	
$ 6,200 00	$ 6,324 00		Total of Vote No. 116		8,215 00
			Carried forward		$ 85,457 00 $ 342,883 00

FISCAL YEAR, 1919-20. Original Estimates approved by Legislature.	FISCAL YEAR, 1919-20. Increased under "Civil Service Act" and Special Warrants, etc.	No. of Vote.	SERVICE.			Fiscal Year, 1920-21.
			DEPARTMENT OF FINANCE—*Continued.*			
			GOVERNMENT AGENTS AND ASSESSORS, ETC.—*Continued.*			
			Brought forward		$ 85,457 00	$ 342,883 00
		117.	FERNIE AGENCY.			
			Salaries:			
$ 2,000 00	$ 2,100 00		Agent	$ 2,100 00		
1,200 00	1,440 00		Clerk	1,500 00		
1,200 00	1,380 00		Clerk	1,452 00		
660 00	720 00		Stenographer	780 00		
900 00	1,080 00		Janitor	1,080 00		
$ 5,960 00	$ 6,720 00			$ 6,912 00		
2,350 00	2,350 00		Expenses	1,310 00		
$ 8,310 00	$ 9,070 00		Total of Vote No. 117		8,222 00	
		118.	FORT FRASER AGENCY.			
			Salaries:			
$ 1,584 00	$ 1,620 00		Agent and Mining Recorder	$ 1,720 00		
1,200 00	1,260 00		Clerk	1,332 00		
$ 2,784 00	$ 2,880 00			$ 3,052 00		
805 00	805 00		Expenses (including $350, repairs to building)	1,153 00		
$ 3,589 00	$ 3,685 00		Total of Vote No. 118		4,205 00	
		119.	FORT GEORGE AGENCY.			
			Salaries:			
$ 2,000 00	$ 2,100 00		Agent	$ 2,100 00		
1,500 00	1,500 00		Clerk and Mining Recorder	1,600 00		
.....	1,320 00		Clerk	1,392 00		
1,200 00	1,260 00		Clerk	1,332 00		
1,200 00	1,260 00		Clerk	1,332 00		
.....	660 00		Janitor	720 00		
$ 5,900 00	$ 8,100 00			$ 8,476 00		
3,240 00	3,240 00		Expenses (including $650, repairs to building)	3,070 00		
$ 9,140 00	$ 11,340 00		Total of Vote No. 119		11,546 00	
		120.	GOLDEN AGENCY.			
			Salaries:			
$ 1,920 00	$ 2,040 00		Agent	$ 2,100 00		
1,620 00	1,680 00		Assessor	1,800 00		
1,200 00	1,500 00		Clerk	1,600 00		
.....	.....		Stenographer	780 00		
$ 4,740 00	$ 5,220 00		*Carried forward*	$ 6,280 00	$109,430 00	$ 342,883 00

Fiscal Year, 1919-20. Original Estimates approved by Legislature.	Fiscal Year, 1919-20. Increased under "Civil Service Act" and Special Warrants, etc.	No. of Vote.	SERVICE.			Fiscal Year, 1920-21.
			DEPARTMENT OF FINANCE—*Continued.*			
			GOVERNMENT AGENTS AND ASSESSORS, ETC.—*Continued.*			
		120.	GOLDEN AGENCY—*Continued.*			
$ 4,740 00	$ 5,220 00		*Brought forward*	$ 6,280 00	$109,430 00	$ 342,883 00
			Salaries—*Continued.*			
.....	.....		Junior Clerk	720 00		
840 00	900 00		Janitor	900 00		
$ 5,580 00	$ 6,120 00			$ 7,900 00		
1,842 00	1,842 00		Expenses (including $500, repairs to building)	2,340 00		
$ 7,422 00	$ 7,962 00		Total of Vote No. 120		10,240 00	
		121.	GRAND FORKS AGENCY.			
			Salaries:			
$ 1,804 00	$ 1,920 00		Agent	$ 2,020 00		
1,200 00	1,500 00		Clerk	1,500 00		
900 00	960 00		Janitor	960 00		
$ 3,904 00	$ 4,380 00			$ 4,480 00		
1,515 00	1,515 00		Expenses (including $300, repairs to building)	1,520 00		
$ 5,419 00	$ 5,895 00		Total of Vote No. 121		6,000 00	
		122.	GREENWOOD AGENCY.			
			Salaries:			
$ 1,860 00	$ 1,920 00		Agent	$ 2,020 00		
1,380 00	1,500 00		Clerk and Janitor	1,500 00		
$ 3,240 00	$ 3,240 00			$ 3,520 00		
1,435 00	1,435 00		Expenses (including $200, repairs to building)	1,480 00		
$ 4,675 00	$ 4,855 00		Total of Vote No. 122		5,000 00	
		123.	KAMLOOPS AGENCY.			
			Salaries:			
$ 2,040 00	$ 2,220 00		Agent	$ 2,340 00		
1,620 00	1,800 00		Assessor and Mining Recorder	1,920 00		
1,320 00	1,500 00		Clerk and Deputy Registrar	1,600 00		
1,200 00	1,380 00		Clerk	1,452 00		
1,080 00	1,320 00		Clerk	1,392 00		
960 00	1,320 00		Clerk	1,392 00		
720 00	900 00		Stenographer	960 00		
$ 8,940 00	$ 10,440 00		*Carried forward*	$ 11,056 00	$130,670 00	$ 342,883 00

FISCAL YEAR, 1919-20. Original Estimates approved by Legislature.	Increased under "Civil Service Act" and Special Warrants, etc.	No. of Vote.	SERVICE.			Fiscal Year, 1920-21.
			DEPARTMENT OF FINANCE—*Continued.*			
			GOVERNMENT AGENTS AND ASSESSORS, ETC.—*Continued.*			
		123.	KAMLOOPS AGENCY—*Continued.*			
$ 8,940 00	$ 10,440 00		*Brought forward*	$ 11,056 00	$130,670 00	$ 342,883 00
			Salaries—*Continued.*			
960 00	1,080 00		Janitor	1,080 00		
300 00	300 00		Temporary assistance	300 00		
$ 10,200 00	$ 11,820 00			$ 12,436 00		
3,000 00	3,000 00		Expenses (including $300, repairs to building)	4,115 00		
$ 13,200 00	$ 14,820 00		Total of Vote No. 123		16,551 00	
		124.	KASLO AGENCY.			
			Salaries:			
$ 2,020 00	$ 2,100 00		Agent and Collector	$ 2,100 00		
1,620 00	1,800 00		Assessor and Mining Recorder	1,920 00		
.....	1,380 00		Clerk	1,452 00		
1,080 00	1,320 00		Clerk	1,392 00		
960 00	1,080 00		Clerk	1,080 00		
900 00	1,020 00		Clerk	1,080 00		
900 00	1,080 00		Janitor	1,080 00		
$ 7,480 00	$ 9,780 00			$ 10,104 00		
2,500 00	2,500 00		Expenses	2,913 00		
$ 9,980 00	$ 12,280 00		Total of Vote No. 124		13,017 00	
		125.	LILLOOET SUB-AGENCY.			
			Salaries:			
.....	.....		Assessor	$ 1,800 00		
$ 1,800 00	$ 1,920 00		Mining Recorder	2,020 00		
1,200 00	1,260 00		Clerk	1,332 00		
$ 3,000 00	$ 3,180 00			$ 5,152 00		
1,000 00	1,000 00		Expenses	1,370 00		
$ 4,000 00	$ 4,180 00		Total of Vote No. 125		6,522 00	
		126.	MERRITT AGENCY.			
			Salaries:			
$ 1,800 00	$ 1,920 00		Agents and Collector	$ 2,020 00		
.....	.....		Assessor	1,800 00		
1,152 00	1,500 00		Clerk and Deputy Registrar of County Court	1,600 00		
.....	1,320 00		Clerk	1,392 00		
$ 2,952 00	$ 4,840 00		*Carried forward*	$ 6,812 00	$166,760 00	$ 342,883 00

Fiscal Year, 1919-20.		No. of Vote.	SERVICE.			Fiscal Year, 1920-21.
Original Estimates approved by Legislature.	Increased under "Civil Service Act" and Special Warrants, etc.					
			DEPARTMENT OF FINANCE—*Continued.*			
			GOVERNMENT AGENTS AND ASSESSORS, ETC.—*Continued.*			
		126.	MERRITT AGENCY—*Continued.*			
$ 2,952 00	$ 4,840 00		*Brought forward*	$ 6,812 00	$166,760 00	$ 342,883 00
			Salaries—*Continued.*			
.....	.....		Stenographer	780 00		
900 00	1,020 00		Janitor	1,020 00		
$ 3,852 00	$ 5,760 00			$ 8,612 00		
1,080 00	1,080 00		Expenses (including $100, repairs to building)	1,130 00		
$ 4,932 00	$ 6,840 00		Total of Vote No. 126		9,742 00	
		127.	NANAIMO AGENCY.			
			Salaries:			
$ 2,252 00	$ 2,252 00		Agent and Collector	$ 2,252 00		
1,800 00	1,920 00		Assessor	2,040 00		
1,200 00	1,200 00		Clerk	1,272 00		
1,200 00	1,200 00		Clerk	1,272 00		
1,500 00	1,500 00		Special Tax-collector	1,600 00		
780 00	900 00		Stenographer	960 00		
720 00	720 00		Stenographer	780 00		
900 00	1,140 00		Janitor and Messenger	1,140 00		
300 00	300 00		Temporary assistance	600 00		
$ 10,652 00	$ 11,132 00			$ 11,916 00		
3,348 00	3,348 00		Expenses (including $1,600, repairs to building)	5,634 00		
$ 14,000 00	$ 14,480 00		Total of Vote No. 127		17,550 00	
		128.	NELSON AGENCY.			
			Salaries:			
$ 1,800 00	$ 2,280 00		Agent and Collector	$ 2,400 00		
.....	1,860 00		Assessor	1,980 00		
1,200 00	1,500 00		Clerk	1,500 00		
1,200 00	1,380 00		Clerk	1,452 00		
1,200 00	1,320 00		Clerk	1,392 00		
660 00	780 00		Stenographer	780 00		
600 00	720 00		Stenographer	780 00		
900 00	1,080 00		Janitor	1,080 00		
200 00	200 00		Temporary assistance	200 00		
$ 7,760 00	$ 11,120 00		*Carried forward*	$ 11,564 00	$194,052 00	$ 342,883 00

FISCAL YEAR, 1919-20.		No. of Vote.	SERVICE.			Fiscal Year, 1920-21.
Original Estimates approved by Legislature.	Increased under "Civil Service Act" and Special Warrants, etc.					
			DEPARTMENT OF FINANCE—*Continued.*			
			GOVERNMENT AGENTS AND ASSESSORS, ETC.—*Continued.*			
		128.	NELSON AGENCY—*Continued.*			
$ 7,760 00	$ 11,120 00		*Brought forward*	$ 11,564 00	$194,052 00	$ 342,883 00
4,000 00	4,000 00		Expenses (including $150, repairs to building)	4,445 00		
$ 11,760 00	$ 15,120 00		Total of Vote No. 128		16,009 00	
		129.	NEW WESTMINSTER AGENCY.			
			Salaries:			
$ 2,300 00	2,400 00		Agent	$ 2,400 00		
1,620 00	1,740 00		Gold Commissioner and Mining Recorder	1,800 00		
1,080 00	1,380 00		Clerk	1,452 00		
720 00	900 00		Stenographer	960 00		
2,084 00	2,100 00		Assessor	2,100 00		
1,848 00	1,848 00		Assistant Assessor	.....		
.....	.....		Chief Clerk	1,500 00		
1,500 00	1,600 00		Special Tax-collector	1,700 00		
1,500 00	1,500 00		Special Tax-collector	.....		
1,500 00	1,500 00		Special Tax-collector	.....		
.....	1,440 00		Clerk	1,500 00		
1,200 00	1,200 00		Clerk	1,272 00		
1,020 00	1,320 00		Chief Janitor	1,380 00		
960 00	1,140 00		Janitor	1,140 00		
900 00	1,020 00		Nightwatchman	1,020 00		
.....	.....		Temporary assistance	300 00		
$ 18,232 00	$ 21,088 00			$ 18,524 00		
6,068 00	6,068 00		Expenses (including $850, repairs to building)	6,791 00		
$ 24,300 00	$ 27,156 00		Total of Vote No. 129		25,315 00	
		130.	NEW DENVER SUB-AGENCY.			
			Salaries:			
$ 1,536 00	$ 1,620 00		Mining Recorder	$ 1,720 00		
1,536 00	1,620 00			$ 1,720 00		
664 00	664 00		Expenses (including $200, repairs to building)	734 00		
$ 2,200 00	$ 2,284 00		Total of Vote No. 130		2,454 00	
		131.	NICOLA AGENCY.			
			Salaries:			
$ 300 00	$ 300 00		Caretaker for vacant building	$ 300 00		
$ 300 00	$ 300 00		Total of Vote No. 131		300 00	
			Carried forward		$238,130 00	$ 342,883 00

Fiscal Year, 1919-20. Original Estimates approved by Legislature.	Fiscal Year, 1919-20. Increased under "Civil Service Act" and Special Warrants, etc.	No. of Vote.	SERVICE.			Fiscal Year, 1920-21.
			DEPARTMENT OF FINANCE—*Continued.*			
			GOVERNMENT AGENTS AND ASSESSORS, ETC.—*Continued.*			
			Brought forward		$238,130 00	$ 342,883 00
		132.	150-MILE HOUSE AGENCY.			
			Salaries:			
$ 1,500 00	$ 1,620 00		Agent and Collector	$ 1,720 00		
.....	.....		Assessor	1,500 00		
1,200 00	1,260 00		Clerk	1,380 00		
.....	.....		Temporary assistance	600 00		
$ 2,700 00	$ 2,880 00			$ 5,200 00		
1,100 00	1,100 00		Expenses	1,200 00		
$ 3,800 00	$ 3,980 00		Total of Vote No. 132		6,400 00	
		133.	POUCE COUPE AGENCY.			
			Salaries:			
.....	.....		Agent, salary $1,800; living allowance, $120	$ 1,920 00		
.....	.....		Deputy Assessor, salary, $1,620; living allowance, $120	1,740 00		
.....	.....		Clerk, salary, $1,380; living allowance, $120	1,500 00		
.....	.....			$ 5,160 00		
			Expenses:			
.....	.....		Office supplies, furniture, and expenses	1,600 00		
.....	.....		Total of Vote No. 133		6,760 00	
		134.	PRINCE RUPERT AGENCY.			
			Salaries:			
$ 2,060 00	$ 2,220 00		Agent and Collector	$ 2,340 00		
1,960 00	2,040 00		Assessor	2,160 00		
1,848 00	1,920 00		Mining Recorder	2,020 00		
.....	1,440 00		Clerk	1,500 00		
.....	1,440 00		Clerk	1,500 00		
1,212 00	1,380 00		Clerk	1,452 00		
1,200 00	1,320 00		Clerk	1,392 00		
1,200 00	1,320 00		Clerk	1,392 00		
.....	.....		Clerk	1,320 00		
1,200 00	1,200 00		Clerk	.....		
900 00	960 00		Stenographer	1,020 00		
900 00	900 00		Stenographer	.....		
1,500 00	1,600 00		Special Tax-collector	1,700 00		
960 00	1,140 00		Janitor and Gardener	1,140 00		
$ 14,940 00	$ 18,880 00		*Carried forward*	$ 18,936 00	$251,290 00	$ 342,883 00

FISCAL YEAR, 1919-20. Original Estimates approved by Legislature.	Increased under "Civil Service Act" and Special Warrants, etc.	No. of Vote.	SERVICE.			Fiscal Year, 1920-21.
			DEPARTMENT OF FINANCE—*Continued.*			
			GOVERNMENT AGENTS AND ASSESSORS, ETC.—*Continued.*			
		134.	PRINCE RUPERT AGENCY—*Continued.*			
$ 14,940 00	$ 18,880 00		*Brought forward*	$ 18,936 00	$251,290 00	$ 342,883 00
			Salaries—*Continued.*			
.....	.....		Assistant Janitor	660 00		
1,000 00	1,000 00		Temporary assistance	900 00		
$ 15,940 00	$ 19,880 00			$ 20,496 00		
5,060 00	5,060 00		Expenses (including $800, repairs to building)	7,930 00		
$ 21,000 00	$ 24,940 00		Total of Vote No. 134		28,426 00	
		135.	PRINCETON AGENCY.			
			Salaries:			
$ 1,848 00	$ 1,920 00		Agent and Collector	$ 2,020 00		
1,080 00	1,320 00		Clerk	1,392 00		
600 00	600 00		Temporary assistance	720 00		
$ 3,528 00	$ 3,840 00			$ 4,132 00		
1,800 00	1,800 00		Expenses (including $100, repairs to building	1,705 00		
$ 5,328 00	$ 5,640 00		Total of Vote No. 135		5,837 00	
		136.	QUESNEL AGENCY.			
			Salaries:			
$ 1,980 00	$ 2,100 00		Government Agent and Collector	$ 2,100 00		
2,180 00	1,800 00		Assessor	1,920 00		
1,320 00	1,500 00		Clerk	1,600 00		
.....	1,500 00		Clerk	1,600 00		
1,200 00	1,440 00		Clerk	1,500 00		
1,200 00	1,440 00		Clerk	1,500 00		
1,200 00	1,440 00		Clerk	1,500 00		
1,200 00	1,440 00		Clerk	1,500 00		
780 00	1,440 00		Clerk	1,500 00		
780 00	1,380 00		Clerk	1,380 00		
.....	660 00		Clerk (half-salary)	696 00		
780 00	840 00		Clerk	900 00		
780 00	840 00		Clerk	900 00		
250 00	250 00		Janitor	300 00		
360 00	360 00		Temporary assistance	360 00		
$ 14,010 00	$ 18,430 00			$ 19,256 00		
2,900 00	2,900 00		Expenses (including $200, repairs to building)	7,269 00		
$ 16,910 00	$ 21,330 00		Total of Vote No. 136		26,525 00	
			Carried forward		$312,078 00	$ 342,883 00

Fiscal Year, 1919-20. Original Estimates approved by Legislature.	Fiscal Year, 1919-20. Increased under "Civil Service Act" and Special Warrants, etc.	No. of Vote.	SERVICE.		Fiscal Year, 1920-21.
			DEPARTMENT OF FINANCE—*Continued.*		
			GOVERNMENT AGENTS AND ASSESSORS, ETC.—*Continued.*		
			Brought forward	$312,078 00	$ 342,883 00
		137.	QUEEN CHARLOTTE ISLANDS SUB-AGENCY.		
			Salaries:		
$ 600 00	$ 600 00		Mining Recorder	$ 900 00	
450 00	450 00		Expenses	547 00	
$ 1,050 00	$ 1,050 00		Total of Vote No. 137		1,447 00
		138.	REVELSTOKE AGENCY.		
			Salaries:		
$ 2,000 00	$ 2,100 00		Agent and Collector	$ 2,100 00	
1,752 00	1,800 00		Assessor	1,920 00	
1,200 00	1,440 00		Mining Recorder	1,540 00	
1,080 00	1,320 00		Clerk	1,392 00	
.....	840 00		Stenographer	900 00	
720 00	780 00		Stenographer	840 00	
960 00	1,080 00		Janitor	1,080 00	
$ 7,712 00	$ 9,360 00			$ 9,772 00	
3,000 00	3,000 00		Expenses (including $600, repairs to building)	4,113 00	
$ 10,712 00	$ 12,360 00		Total of Vote No. 138		13,885 00
		139.	ROSSLAND AGENCY.		
			Salaries:		
$ 2,100 00	$ 2,100 00		Agent and Collector	$ 2,100 00	
.....	.....		Assessor	1,800 00	
1,320 00	1,380 00		Clerk	1,480 00	
1,200 00	1,320 00		Clerk and Mining Recorder	1,392 00	
720 00	810 00		Stenographer	870 00	
900 00	1,020 00		Janitor	1,020 00	
.....	.....		Temporary assistance	300 00	
$ 6,240 00	$ 6,630 00			$ 8,962 00	
2,500 00	2,500 00		Expenses (including $1,500, repairs to building)	4,437 00	
$ 8,740 00	$ 9,130 00		Total of Vote No. 139		13,399 00
		140.	SMITHERS AGENCY.		
			Salaries:		
$ 2,020 00	$ 2,100 00		Agent and Collector	$ 2,100 00	
1,800 00	1,920 00		Assessor	2,040 00	
1,500 00	1,620 00		Mining Recorder	1,720 00	
$ 5,320 00	$ 5,640 00		*Carried forward*	$ 5,860 00	$340,809 00 $ 342,883 00

Fiscal Year, 1919-20. Original Estimates approved by Legislature.	Fiscal Year, 1919-20. Increased under "Civil Service Act" and Special Warrants, etc.	No. of Vote.	SERVICE.			Fiscal Year, 1920-21.
			DEPARTMENT OF FINANCE—*Continued.*			
			GOVERNMENT AGENTS AND ASSESSORS, ETC.—*Continued.*			
		140.	SMITHERS AGENCY—*Continued.*			
$ 5,320 00	$ 5,640 00		*Brought forward*	$ 5,860 00	$340,809 00	$ 342,883 00
			Salaries—*Continued.*			
1,200 00	1,320 00		Clerk	1,392 00		
1,200 00	1,320 00		Clerk	1,392 00		
1,200 00	1,200 00		Clerk	1,272 00		
960 00	960 00		Stenographer	1,020 00		
100 00	100 00		Temporary assistance	600 00		
$ 9,980 00	$ 10,540 00			$ 11,536 00		
2,600 00	2,600 00		Expenses	3,550 00		
$ 12,580 00	$ 13,140 00		Total of Vote No. 140		15,086 00	
		141.	TELEGRAPH CREEK AGENCY.			
			Salaries:			
$ 1,500 00	$ 1,620 00		Agent, Gold Commissioner, etc.	$ 1,720 00		
.....	.....		Temporary assistance	500 00		
$ 1,500 00	$ 1,620 00			$ 2,220 00		
680 00	680 00		Expenses (including $300, repairs to building)	1,020 00		
$ 2,180 00	$ 2,300 00		Total of Vote No. 141		3,240 00	
		142.	TROUT LAKE SUB-AGENCY.			
			Salary:			
$ 1,080 00	$ 1,200 00		Mining Recorder	$ 1,272 00		
265 00	265 00		Expenses (including $175, repairs to building)	383 00		
$ 1,345 00	$ 1,465 00		Total of Vote No. 142		1,655 00	
		143.	VANCOUVER AGENCY.			
			Salaries:			
			Government Agent's Office.			
$ 2,400 00	$ 2,700 00		Agent	$ 2,820 00		
1,740 00	1,920 00		Clerk and Mining Recorder	2,020 00		
1,200 00	1,380 00		Clerk	1,452 00		
1,200 00	1,380 00		Clerk	1,452 00		
1,200 00	1,380 00		Clerk	1,452 00		
.....	1,260 00		Clerk	1,332 00		
720 00	900 00		Stenographer	960 00		
720 00	720 00		Stenographer	780 00		
$ 9,180 00	$ 11,640 00		*Carried forward*	$ 12,268 00	$360,790 00	$ 342,883 00

Fiscal Year, 1919-20. Original Estimates approved by Legislature.	Fiscal Year, 1919-20. Increased under "Civil Service Act" and Special Warrants, etc.	No. of Vote.	SERVICE.			Fiscal Year, 1920-21.
			DEPARTMENT OF FINANCE—*Continued.*			
			GOVERNMENT AGENTS AND ASSESSORS, ETC.—*Continued.*			
		143.	VANCOUVER AGENCY—*Continued.*			
$ 9,180 00	$ 11,640 00		*Brought forward*	$ 12,268 00	$360,790 00	$ 342,883 00
			Salaries—*Continued.*			
			Government Agent's Office—Continued.			
600 00	600 00		Stenographer	.....		
.....	.....		Junior Clerk	720 00		
.....	.....		Temporary assistance	300 00		
			Assessor and Collector's Office.			
2,280 00	2,400 00		Assessor	2,520 00		
1,848 00	2,100 00		Collector	2,220 00		
1,704 00	1,920 00		Chief Clerk	2,020 00		
1,404 00	1,500 00		Clerk	1,600 00		
1,284 00	1,500 00		Clerk	1,500 00		
1,200 00	1,380 00		Clerk	1,452 00		
1,200 00	1,380 00		Clerk	1,452 00		
1,200 00	1,380 00		Clerk	1,452 00		
1,200 00	1,380 00		Clerk	1,452 00		
1,200 00	1,380 00		Clerk	1,452 00		
.....	1,380 00		Clerk	1,452 00		
.....	1,380 00		Clerk	1,452 00		
900 00	1,080 00		Cashier	1,200 00		
1,500 00	1,600 00		Special Tax-collector	1,700 00		
1,500 00	1,600 00		Special Tax-collector	1,700 00		
1,500 00	1,600 00		Special Tax-collector	1,700 00		
1,500 00	1,600 00		Special Tax-collector	1,700 00		
1,500 00	1,500 00		Special Tax-collector	.....		
840 00	900 00		Stenographer	960 00		
.....	.....		Temporary assistance	1,200 00		
$ 33,540 00	$ 41,200 00			$ 43,472 00		
			Court-house Attendants.			
1,800 00	1,860 00		Engineer	1,860 00		
1,320 00	1,500 00		Fireman	1,500 00		
1,200 00	1,380 00		Fireman	1,380 00		
840 00	1,140 00		Elevator Attendant	1,140 00		
1,200 00	1,380 00		Carpenter	1,500 00		
1,320 00	1,440 00		Chief Janitor	1,500 00		
960 00	1,140 00		Nightwatchman	1,140 00		
.....	1,200 00		Night Foreman and Janitor	1,200 00		
1,000 00	1,140 00		Gardener and Janitor	1,140 00		
12,480 00	14,820 00		Thirteen Janitors @ $1,200	15,600 00		
$ 55,660 00	$ 68,200 00		*Carried forward*	$ 71,432 00	$360,790 00	$ 342,883 00

FISCAL YEAR, 1919-20. Original Estimates approved by Legislature.	Increased under "Civil Service Act" and Special Warrants, etc.	No. of Vote.	SERVICE.			Fiscal Year, 1920-21.
			DEPARTMENT OF FINANCE—*Continued.*			
			GOVERNMENT AGENTS AND ASSESSORS, ETC.—*Continued.*			
		143.	VANCOUVER AGENCY—*Continued.*			
$ 53,660 00	$ 68,200 00		*Brought forward*	$ 71,432 00	$360,790 00	$ 342,883 00
			Salaries—*Continued.*			
			Court-house Attendants—Continued.			
900 00	1,140 00		Usher	1,140 00		
960 00	1,140 00		Gardener	1,140 00		
$ 57,520 00	$ 70,480 00			$ 72,812 00		
			Expenses:			
4,190 00	4,190 00		Office supplies, etc.	5,500 00		
1,200 00	1,200 00		Travelling expenses	1,200 00		
4,000 00	4,000 00		Maintenance and repairs of buildings	9,070 00		
12,200 00	12,200 00		Fuel, water, light, etc.	16,000 00		
$ 79,110 00	$ 92,070 00		Total of Vote No. 143		105,482 00	
		144.	VERNON AGENCY.			
			Salaries:			
$ 2,060 00	$ 2,100 00		Agent and Collector	2,100 00		
1,952 00	1,952 00		Assessor and Mining Recorder	2,072 00		
1,272 00	1,440 00		Clerk	1,500 00		
840 00	1,440 00		Clerk	1,500 00		
.....	.....		Clerk and Registrar	1,600 00		
780 00	1,020 00		Clerk	1,080 00		
.....	.....		Stenographer	780 00		
960 00	1,020 00		Janitor	1,020 00		
$ 7,864 00	$ 8,972 00			$ 11,652 00		
6,800 00	6,800 00		Expenses (including $300, repairs to building)	4,170 00		
$ 14,664 00	$ 15,772 00		Total of Vote No. 144		15,822 00	
		145.	VICTORIA ASSESSOR.			
			Salaries:			
$ 2,100 00	$ 2,700 00		Assessor	$ 2,820 00		
1,500 00	2,100 00		Collector	2,220 00		
1,464 00	1,500 00		Clerk	1,500 00		
1,200 00	1,500 00		Clerk	1,500 00		
1,200 00	1,380 00		Clerk	1,452 00		
.....	1,320 00		Clerk	1,392 00		
1,080 00	.....		Clerk	1,320 00		
900 00	1,200 00		Clerk	1,272 00		
600 00	810 00		Stenographer	870 00		
$ 10,044 00	$ 12,510 00		*Carried forward*	$ 14,346 00	$482,094 00	$ 342,883 00

Fiscal Year, 1919-20. Original Estimates approved by Legislature.	Fiscal Year, 1919-20. Increased under "Civil Service Act" and Special Warrants, etc.	No. of Vote.	SERVICE.			Fiscal Year, 1920-21.
			DEPARTMENT OF FINANCE—*Continued.*			
			GOVERNMENT AGENTS AND ASSESSORS, ETC.—*Continued.*			
		145.	VICTORIA ASSESSOR—*Continued.*			
$ 10,044 00	$ 12,510 00		*Brought forward*	$ 14,346 00	$482,094 00	$ 342,883 00
			Salaries—*Continued.*			
1,500 00	1,600 00		Special Tax-collectors	1,700 00		
1,500 00	1,600 00		Special Tax-collectors	1,700 00		
1,500 00	1,600 00		Special Tax-collectors	1,700 00		
500 00	500 00		Temporary assistance	500 00		
$ 15,044 00	$ 17,810 00			$ 19,946 00		
2,356 00	2,356 00		Expenses	3,985 00		
$ 17,400 00	$ 20,166 00		Total of Vote No. 145		23,931 00	
		146.	WILMER SUB-AGENCY.			
			Salary:			
$ 1,764 00	$ 1,800 00		Mining Recorder, Registrar, etc.	$ 1,800 00		
321 00	321 00		Expenses	413 00		
$ 2,085 00	$ 2,121 00		Total of Vote No. 146		2,213 00	
		147.	YALE SUB-AGENCY.			
			Salary:			
$ 1,476 00	$ 1,560 00		Mining Recorder and Collector	$ 1,660 00		
794 00	794 00		Expenses (including $300, repairs to building)	824 00		
$ 2,270 00	$ 2,354 00		Total of Vote No. 147		2,484 00	
		148.	SUNDRY SUB-AGENCIES.			
$ 2,000 00	$ 2,000 00		Commissions, salaries, and expenses	$ 2,500 00		
$ 2,000 00	$ 2,000 00		Total of Vote No. 148		2,500 00	
		149.	SUNDRY AGENCIES AND ASSESSORS, ETC.			
.....	.....		Construction of fire-proof vaults and purchase of safes for protection of public documents	$ 20,000 00		
.....	.....		Total of Vote No. 149		$ 20,000 00	
$ 386,132 00	$ 440,672 00		Total, Government Agents and Assessors, etc.			533,222 00
		150.	OPERATION OF THE "AMUSEMENTS TAX ACT."			
			Salaries:			
$ 460 00	$ 600 00		Censor, allowance as Collector		$ 600 00	
1,200 00	1,320 00		Inspector for Mainland		1,392 00	
900 00	1,200 00		Inspector for Vancouver Island		1,272 00	
$ 2,560 00	$ 3,120 00		*Carried forward*		$ 3,264 00	$ 876,105 00

FISCAL YEAR, 1919-20. Original Estimates approved by Legislature.	Increased under "Civil Service Act" and Special Warrants, etc.	No. of Vote.	SERVICE.		Fiscal Year, 1920-21.
			DEPARTMENT OF FINANCE—*Continued.*		
		150.	OPERATION OF THE "AMUSEMENTS TAX ACT"—*Continued.*		
$ 2,560 00	$ 3,120 00		*Brought forward*	$ 3,261 00	$ 876,105 00
			Salaries—*Continued.*		
660 00	660 00		Clerk (half-salary)	750 00	
600 00	600 00		Temporary assistance and private inspection	600 00	
$ 3,820 00	$ 4,380 00			$ 4,614 00	
			Expenses:		
1,420 00	1,420 00		Office supplies, etc.	1,620 00	
400 00	400 00		Travelling expenses	400 00	
$ 5,640 00	$ 6,200 00		Total of Vote No. 150		6,634 00
			MISCELLANEOUS VOTES.		
$ 4,500 00	$ 4,500 00	151.	Printing Public Accounts, Estimates, etc.	$ 6,000 00	
12,000 00	12,000 00	152.	Interest on suitors' funds and Official Guardian deposits	10,000 00	
20,000 00	20,000 00	153.	Delinquent extra municipal school taxes	25,000 00	
.....	.....	154.	Premium on fire insurance, Fairview Works	840 00	
.....	2,965 65	....	"Riots Claims Settlement Act, 1919"	.....	
60,000 00	60,000 00	155	Miscellaneous, not detailed in Estimates	35,000 00	
3,500 00	3,500 00	....	Refund to Judicial Trustee, McNamee Estate	.....	
$ 100,000 00	$ 102,965 65		Total, Miscellaneous Votes		76,840 00
$ 727,277 50	$ 799,777 15		Total, Department of Finance		$ 959,579 00
		156.	DEPARTMENT OF FISHERIES.		
			Salaries:		
$ 3,600 00	$ 3,600 00		Assistant to the Commissioner	$ 3,720 00	
1,420 00	1,500 00		Inspector of Fisheries	1,600 00	
720 00	1,020 00		Clerk and Stenographer	1,020 00	
1,500 00	1,500 00		Salmon Investigator	1,500 00	
1,465 00	1,465 00		Overseers and Inspectors	2,000 00	
$ 8,705 00	$ 9,085 00			$ 9,840 00	
			Expenses:		
3,100 00	3,100 00		Office supplies, etc.	3,100 00	
2,500 00	2,500 00		Travelling expenses	2,500 00	
2,000 00	2,000 00		Collection of fishery taxes	2,000 00	
650 00	650 00		Seton Lake Hatchery	650 00	
$ 16,955 00	$ 17,335 00		Total of Vote No. 156		$ 18,090 00

Fiscal Year, 1919-20. Original Estimates approved by Legislature.	Fiscal Year, 1919-20. Increased under "Civil Service Act" and Special Warrants, etc.	No. of Vote.	SERVICE.		Fiscal Year, 1920-21.
		157.	DEPARTMENT OF INDUSTRIES.		
			Salaries:		
.....	$ 3,000 00		Industrial Commissioner	$ 3,600 00	
.....	1,500 00		Secretary and Investigator	1,800 00	
.....	780 00		Clerk and Stenographer	840 00	
.....	720 00		Stenographer	780 00	
.....	.....		Stenographer	780 00	
.....	.....		Statistician (information and research)	2,100 00	
.....	$ 6,000 00			$ 9,900 00	
			Expenses:		
.....	3,000 00		Office supplies, etc.	2,400 00	
			Travelling expenses	6,000 00	
			Appraising and investigation fees	10,000 00	
.....	$ 9,000 00		Total of Vote No. 157		$ 28,300 00
			DEPARTMENT OF LANDS.		
		158.	Minister's Office.		
			Salaries:		
$ 6,000 00	$ 6,000 00		Minister	$ 6,000 00	
1,920 00	1,920 00		Secretary	2,040 00	
960 00	1,080 00		Clerk and Stenographer	1,152 00	
$ 8,880 00	$ 9,000 00			$ 9,192 00	
			Expenses:		
675 00	675 00		Office supplies, etc.	750 00	
3,000 00	3,000 00		Travelling expenses	3,000 00	
$ 12,555 00	$ 12,675 00		Total of Vote No. 158		$ 12,942 00
		159.	General Office.		
			Salaries:		
$ 4,200 00	$ 4,200 00		Deputy Minister	$ 4,320 00	
2,400 00	3,000 00		Assistant to Deputy Minister	3,000 00	
Reinstated.	2,220 00		Statistician	2,340 00	
.....	1,800 00		Chief Clerk	1,900 00	
1,260 00	1,560 00		Property Clerk	1,620 00	
1,320 00	1,620 00		Clerk	1,720 00	
1,380 00	.....		Clerk	.....	
1,500 00	.....		Clerk	.....	
1,500 00	1,500 00		Clerk	1,500 00	
1,260 00	1,380 00		Clerk	1,452 00	
2,400 00	2,760 00		Two Clerks @ $1,452	2,904 00	
1,080 00	1,380 00		Clerk	1,452 00	
1,200 00	1,200 00		Clerk	1,380 00	
Reinstated.	1,320 00		Clerk	1,320 00	
Reinstated.	.....		Clerk	1,272 00	
$ 19,500 00	$ 23,940 00		*Carried forward*	$ 26,180 00	$ 12,942 00

FISCAL YEAR, 1919-20. Original Estimates approved by Legislature.	Increased under "Civil Service Act" and Special Warrants, etc.	No. of Vote.	SERVICE.		Fiscal Year, 1920-21.
			DEPARTMENT OF LANDS—*Continued.*		
		159.	GENERAL OFFICE—*Continued.*		
$ 19,500 00	$ 23,940 00		*Brought forward*	$ 26,180 00	$ 12,942 00
			Salaries—*Continued.*		
Reinstated.	1,200 00		Clerk	1,272 00	
Reinstated.	1,080 00		Clerk	1,152 00	
900 00	.....		Clerk	.....	
660 00	.....		Clerk	.....	
720 00	.....		Clerk	.....	
600 00	810 00		Clerk	870 00	
720 00	900 00		Clerk-Stenographer	960 00	
840 00	.....		Stenographer	.....	
780 00	.....		Stenographer	.....	
720 00	.....		Stenographer	.....	
720 00	810 00		Stenographer	870 00	
720 00	.....		Stenographer	.....	
.....	720 00		Stenographer	780 00	
420 00	480 00		Junior Clerk	570 00	
360 00	540 00		Junior Clerk	570 00	
840 00	.....		Two Junior Clerks @ $420	.....	
720 00	.....		Two Messengers @ $360	.....	
$ 29,220 00	$ 30,480 00		Total of Vote No. 159		33,224 00
		160.	LANDS BRANCH.		
			Salaries:		
			General Administration.		
$ 3,240 00	$ 3,240 00		Superintendent of Lands	$ 3,360 00	
Reinstated.	2,100 00		Assistant Superintendent and Chief Clerk	2,220 00	
1,920 00	1,920 00		Inspector of Lands	2,020 00	
1,384 00	.....		Inspector of Pre-emptions	.....	
1,200 00	.....		Inspector of Pre-emptions	.....	
1,680 00	1,800 00		Assistant Chief Clerk	1,900 00	
1,560 00	1,800 00		Accountant	1,900 00	
1,440 00	1,800 00		Crown-grant Clerk	1,900 00	
1,692 00	1,800 00		Status Clerk	1,900 00	
1,620 00	1,740 00		Clerk	1,800 00	
1,484 00	1,620 00		Clerk	1,720 00	
1,320 00	1,620 00		Clerk	1,720 00	
1,260 00	1,620 00		Clerk	1,720 00	
1,632 00	1,632 00		Clerk	1,632 00	
1,260 00	1,440 00		Clerk	1,500 00	
Reinstated.	1,380 00		Clerk	1,452 00	
1,260 00	1,260 00		Clerk	1,440 00	
1,200 00	1,320 00		Clerk	1,320 00	
Reinstated.	1,200 00		Clerk	1,272 00	
Reinstated.	1,080 00		Clerk	1,152 00	
$ 25,152 00	$ 30,372 00		*Carried forward*	$ 31,928 00	$ 46,166 00

Fiscal Year, 1919-20. Original Estimates approved by Legislature.	Fiscal Year, 1919-20. Increased under "Civil Service Act" and Special Warrants, etc.	No. of Vote.	SERVICE.		Fiscal Year, 1920-21.
			DEPARTMENT OF LANDS—*Continued.*		
		160.	LANDS BRANCH—*Continued.*		
$ 25,152 00	$ 30,372 00		*Brought forward*	$ 31,928 00	$ 46,166 00
			Salaries—*Continued.*		
			General Administration—Continued.		
720 00	810 00		Clerk	870 00	
600 00	810 00		Clerk	870 00	
.....	420 00		Junior Clerk	540 00	
1,032 00	1,080 00		Stenographer	1,080 00	
780 00	870 00		Stenographer	930 00	
720 00	810 00		Stenographer	870 00	
.....	720 00		Stenographer	780 00	
			B.C. Soldiers' Settlement.		
3,000 00	3,000 00		Superintendent	3,000 00	
Reinstated.	2,220 00		Clerk	2,340 00	
1,800 00	.....		Clerk	.....	
840 00	1,020 00		Clerk-Stenographer	1,080 00	
1,560 00	.....		Two Stenographers	.....	
.....	780 00		Stenographer	840 00	
$ 36,204 00	$ 42,912 00		Total of Vote No. 160		45,128 00
		161.	SURVEY BRANCH.		
			Salaries:		
			General.		
$ 3,600 00	$ 3,600 00		Surveyor-General	$ 3,600 00	
Reinstated.	1,500 00		Accountant	1,600 00	
1,332 00	1,560 00		Clerk	1,560 00	
1,200 00	1,440 00		Photostat Operator	1,500 00	
Reinstated.	960 00		Blue-print Operator	1,020 00	
.....	420 00		Junior Clerk	600 00	
780 00	.....		Junior Clerk	.....	
780 00	840 00		Stenographer	900 00	
.....	.....		Stenographer	720 00	
.....	.....		Messenger	420 00	
			Surveys Division.		
2,520 00	2,520 00		Chief Draughtsman	2,640 00	
2,340 00	2,400 00		Draughtsman	2,400 00	
.....	.....		Draughtsman	1,800 00	
1,680 00	1,800 00		Draughtsman	1,800 00	
1,572 00	1,740 00		Draughtsman	1,800 00	
Reinstated.	1,740 00		Draughtsman	1,800 00	
1,452 00	1,740 00		Draughtsman	1,740 00	
$ 17,256 00	$ 22,260 00		*Carried forward*	$ 25,900 00	$ 91,294 00

FISCAL YEAR, 1919-20. Original Estimates approved by Legislature.	Increased under "Civil Service Act" and Special Warrants, etc.	No. of Vote.	SERVICE.		Fiscal Year, 1920-21.
			DEPARTMENT OF LANDS—*Continued.*		
		161.	SURVEY BRANCH—*Continued.*		
$ 17,256 00	$ 22,260 00		*Brought forward*	$ 25,900 00	$ 91,294 00
			Salaries—*Continued.*		
			Surveys Division—Continued.		
Reinstated.	1,680 00		Draughtsman	1,740 00	
Reinstated.	.....		Draughtsman	1,740 00	
Reinstated.	.....		Draughtsman	1,740 00	
Reinstated.	1,620 00		Draughtsman	1,720 00	
1,572 00	.....		Draughtsman	.....	
.....	.....		Draughtsman	1,680 00	
1,272 00	1,440 00		Draughtsman	1,540 00	
.....	.....		Draughtsman	1,500 00	
1,332 00	1,440 00		Draughtsman	1,440 00	
1,152 00	1,320 00		Draughtsman	1,380 00	
Reinstated.	1,200 00		Draughtsman	1,272 00	
.....	360 00		Apprentice Draughtsman	480 00	
420 00	.....		Junior Clerk	.....	
			Geographic Division.		
Reinstated.	2,640 00		Chief Geographer	2,760 00	
Reinstated.	2,100 00		Librarian	2,220 00	
1,680 00	1,920 00		Draughtsman	2,020 00	
Reinstated.	.....		Draughtsman	1,920 00	
Reinstated.	.....		Draughtsman	1,820 00	
1,572 00	1,740 00		Draughtsman	1,800 00	
1,512 00	1,740 00		Draughtsman	1,800 00	
1,512 00	1,740 00		Draughtsman	1,800 00	
Reinstated.	1,680 00		Draughtsman	1,780 00	
1,320 00	.....		Draughtsman	1,680 00	
.....	.....		Two Draughtsmen @ $1,620	3,240 00	
.....	.....		Three Draughtsmen @ $1,500	4,500 00	
1,200 00	1,380 00		Draughtsman	1,440 00	
1,032 00	1,200 00		Draughtsman	1,300 00	
Reinstated.	1,140 00		Draughtsman	1,212 00	
1,200 00	1,440 00		Map-mounter	1,680 00	
.....	360 00		Apprentice Draughtsman	450 00	
.....	.....		Apprentice Draughtsman	420 00	
$ 34,032 00	$ 50,400 00		Total of Vote No. 161		75,974 00
		162.	WATER RIGHTS BRANCH.		
			Salaries:		
$ 5,000 00	$ 5,000 00		Comptroller of Water Rights and Consulting Engineer	$ 5,000 00	
2,400 00	2,640 00		Assistant to Comptroller	2,760 00	
2,800 00	3,000 00		Chairman, Board of Investigation	3,000 00	
$ 10,200 00	$ 10,640 00		*Carried forward*	$ 10,760 00	$ 167,268 00

FISCAL YEAR, 1919-20.				
Original Estimates approved by Legislature.	Increased under "Civil Service Act" and Special Warrants, etc.	No. of Vote.	SERVICE.	Fiscal Year. 1920-21.
			DEPARTMENT OF LANDS—*Continued.*	
		162.	WATER RIGHTS BRANCH—*Continued.*	
$ 10,200 00	$ 10,640 00		*Brought forward* ..... $ 10,760 00	$ 167,268 00
			Salaries—*Continued.*	
3,000 00	3,000 00		Member, Board of Investigation 3,000 00	
.....	.....		Member, Board of Investigation 3,000 00	
.....	2,400 00		Law Clerk 2,520 00	
.....	3,300 00		Superintendent of Construction 3,300 00	
3,000 00	3,000 00		Chief Engineer 3,000 00	
2,100 00	2,280 00		Office Engineer 2,280 00	
2,100 00	.....		Engineer	
1,800 00	1,800 00		Engineer 1,800 00	
.....	.....		Three Engineers @ $1,800 ..... 5,400 00	
1,980 00	1,980 00		Engineer 2,080 00	
1,260 00	1,800 00		Engineer 1,800 00	
1,260 00	1,680 00		Assistant Engineer 1,740 00	
1,440 00	1,800 00		Senior Draughtsman 1,900 00	
Reinstated.	1,680 00		Draughtsman 1,780 00	
Reinstated.	1,620 00		Draughtsman 1,720 00	
1,260 00	1,620 00		Draughtsman 1,720 00	
Reinstated.	1,560 00		Draughtsman 1,660 00	
1,200 00	1,560 00		Draughtsman 1,660 00	
1,500 00	1,500 00		Draughtsman 1,500 00	
1,080 00	1,500 00		Draughtsman 1,600 00	
Reinstated.	1,200 00		Draughtsman 1,300 00	
Reinstated.	.....		Draughtsman 1,620 00	
Reinstated.	.....		Draughtsman 1,500 00	
1,380 00	1,800 00		Chief Clerk 1,900 00	
Reinstated.	1,560 00		Clerk 1,660 00	
Reinstated.	1,560 00		Clerk 1,660 00	
1,320 00	1,560 00		Clerk 1,660 00	
1,260 00	1,560 00		Clerk 1,660 00	
Reinstated.	1,500 00		Clerk 1,600 00	
1,320 00	1,500 00		Clerk 1,500 00	
Reinstated.	1,500 00		Clerk 1,500 00	
Reinstated.	1,500 00		Clerk 1,500 00	
1,260 00	1,380 00		Clerk 1,452 00	
840 00	.....		Stenographer	
720 00	870 00		Stenographer 930 00	
720 00	810 00		Stenographer 870 00	
.....	.....		Stenographer 840 00	
.....	720 00		Stenographer 780 00	
360 00	540 00		Junior Clerk 600 00	
2,400 00	.....		District Engineer	
7,200 00	7,920 00		Three District Engineers @ $2,760 (Kelowna, Kamloops, Nelson) 8,280 00	
Reinstated.	1,800 00		Assistant Engineer (Kelowna) 1,900 00	
1,800 00	1,800 00		Assistant Engineer (Nelson) 1,900 00	
$ 53,760 00	$ 75,800 00		*Carried forward* ..... $ 90,832 00	$ 167,268 00

FISCAL YEAR, 1919-20. Original Estimates approved by Legislature.	Increased under "Civil Service Act" and Special Warrants, etc.	No. of Vote.	SERVICE.		Fiscal Year, 1920-21.
			DEPARTMENT OF LANDS—*Continued.*		
		162.	WATER RIGHTS BRANCH—*Continued.*		
$ 53,760 00	$ 75,800 00		*Brought forward*	$ 90,832 00	$ 167,268 00
			Salaries—*Continued.*		
3,600 00	.....		Two Assistant Engineers	.....	
.....	.....		Draughtsman (Kelowna)	1,560 00	
.....	.....		Clerk (Kelowna)	1,500 00	
1,560 00	1,560 00		Two Stenographers @ $840 (Kelowna, Nelson)	1,680 00	
Reinstated.	2,400 00		District Engineer (Cranbrook)	2,520 00	
Reinstated.	2,400 00		District Engineer (Penticton)	2,520 00	
				$100,612 00	
			Less chargeable to Conservation Fund	4,800 00	
$ 58,920 00	$ 82,160 00		Total of Vote No. 162		$ 95,812 00
		163.	FOREST BRANCH.		
			Salaries:		
$ 3,900 00	$ 3,900 00		Chief Forester	$ 4,020 00	
Reinstated.	3,600 00		Assistant Chief Forester	3,600 00	
Reinstated.	3,300 00		Forester	3,300 00	
4,800 00	.....		Two District Foresters	.....	
3,000 00	.....		Forester	3,330 00	
3,000 00	3,000 00		Lumber Trade Commissioner	3,120 00	
2,760 00	3,000 00		Supervisor of Scalers	.....	
Reinstated.	2,700 00		Assistant Forester	2,700 00	
2,100 00	2,520 00		Assistant Forester	2,640 00	
Reinstated.	2,100 00		Assistant Forester	2,220 00	
2,296 00	2,400 00		Royalty Inspector	2,520 00	
2,400 00	2,400 00		Railway Inspector	2,520 00	
1,800 00	2,100 00		Accountant	2,220 00	
2,340 00	2,400 00		Assistant Supervisor of Scalers	.....	
Reinstated.	2,100 00		Assistant Supervisor of Scalers	2,100 00	
.....	2,220 00		Assistant Lumber Trade Commissioner	2,340 00	
.....	.....		Forest Assistant	1,920 00	
Reinstated.	1,800 00		Forest Assistant	1,900 00	
.....	.....		Two Forest Assistants @ $1,800	3,600 00	
2,192 00	2,340 00		Chief Clerk	2,400 00	
1,800 00	1,900 00		Assistant Royalty Inspector	2,000 00	
1,680 00	1,800 00		Chief Draughtsman	1,900 00	
1,632 00	1,800 00		Draughtsman	1,800 00	
Reinstated.	1,620 00		Draughtsman	1,720 00	
Reinstated.	1,560 00		Draughtsman	1,660 00	
.....	.....		Draughtsman	1,680 00	
.....	.....		Draughtsman	1,500 00	
Reinstated.	1,080 00		Junior Draughtsman	1,152 00	
Reinstated.	3,600 00		Two Clerks @ $1,900	3,800 00	
4,140 00	4,860 00		Three Clerks @ $1,720	5,160 00	
$ 39,840 00	$ 60,100 00		*Carried forward*	$ 68,822 00	$ 263,080 00

Fiscal Year, 1919-20. Original Estimates approved by Legislature.	Fiscal Year, 1919-20. Increased under "Civil Service Act" and Special Warrants, etc.	No. of Vote.	SERVICE.		Fiscal Year, 1920-21.
			DEPARTMENT OF LANDS—*Continued.*		
		163.	FOREST BRANCH—*Continued.*		
$ 39,840 00	$ 60,100 00		*Brought forward*	$ 68,822 00	$ 263,080 00
			Salaries—*Continued.*		
1,320 00	1,500 00		Clerk	1,600 00	
1,200 00	1,500 00		Clerk	1,600 00	
1,260 00	1,560 00		Clerk	1,660 00	
1,500 00	1,560 00		Clerk	1,660 00	
Reinstated.	1,440 00		Clerk	1,540 00	
Reinstated.	.....		Clerk	1,660 00	
1,200 00	1,500 00		Clerk	1,500 00	
1,200 00	1,500 00		Clerk	1,500 00	
1,200 00	1,380 00		Clerk	1,452 00	
Reinstated.	1,380 00		Clerk	1,452 00	
.....	1,320 00		Clerk	1,392 00	
.....	.....		Clerk	1,272 00	
900 00	1,080 00		Clerk	1,152 00	
900 00	1,020 00		Stenographer	1,080 00	
900 00	960 00		Stenographer	1,020 00	
.....	900 00		Stenographer	960 00	
720 00	870 00		Stenographer	930 00	
720 00	810 00		Stenographer	870 00	
.....	780 00		Stenographer	840 00	
.....	1,560 00		Two Stenographers @ $840	1,680 00	
.....	900 00		Stenographer	960 00	
.....	720 00		Two Messengers @ $420	840 00	
			Southern Coast, Vancouver.		
3,000 00	3,600 00		Forester	3,600 00	
2,400 00	2,520 00		Assistant Forester	2,640 00	
1,920 00	2,280 00		Assistant Forester	2,400 00	
.....	.....		Forest Assistant	1,800 00	
1,800 00	1,980 00		Chief Clerk	2,080 00	
1,800 00	1,800 00		Recorder of Scaling	.....	
900 00	960 00		Assistant Recorder of Scaling	1,020 00	
.....	.....		Draughtsman	1,620 00	
1,260 00	1,500 00		Clerk	1,600 00	
Reinstated.	1,380 00		Clerk	1,452 00	
900 00	960 00		Clerk	1,020 00	
840 00	900 00		Clerk	960 00	
780 00	840 00		Clerk	900 00	
720 00	810 00		Clerk	.....	
720 00	810 00		Clerk	870 00	
.....	.....		Two Clerks @ $780	1,560 00	
720 00	840 00		Clerk	900 00	
720 00	780 00		Clerk	840 00	
.....	780 00		Clerk	840 00	
$ 71,340 00	$ 107,080 00		*Carried forward*	$123,544 00	$ 263,080 00

FISCAL YEAR, 1919-20. Original Estimates approved by Legislature.	FISCAL YEAR, 1919-20. Increased under "Civil Service Act" and Special Warrants, etc.	No. of Vote.	SERVICE.		Fiscal Year, 1920-21.
			DEPARTMENT OF LANDS—*Continued.*		
		163.	FOREST BRANCH—*Continued.*		
$ 71,340 00	$ 107,080 00		*Brought forward*	$123,544 00	$ 263,080 00
			Salaries—*Continued.*		
			Southern Coast, Vancouver—Continued.		
1,560 00	1,680 00		Two Clerks @ $900	1,800 00	
.....	.....		Clerk	780 00	
1,800 00	2,220 00		Supervisor	2,280 00	
Reinstated.	2,100 00		Supervisor	2,160 00	
1,800 00	2,100 00		Supervisor	2,160 00	
1,740 00	2,100 00		Supervisor	2,160 00	
41,460 00	41,460 00		Twenty-three Scalers	.....	
3,000 00	3,600 00		Two Rangers @ $1,900	3,800 00	
2,880 00	3,600 00		Two Rangers @ $1,900	3,800 00	
2,760 00	3,360 00		Two Rangers at $1,800	3,600 00	
1,440 00	1,680 00		Ranger	1,800 00	
Reinstated.	1,800 00		Ranger	1,800 00	
.....	3,000 00		Two Rangers @ $1,680	3,360 00	
Reinstated.	1,500 00		Ranger	1,680 00	
1,380 00	1,500 00		Ranger	1,680 00	
.....	1,500 00		Ranger	1,680 00	
.....	.....		Five Rangers @ $1,500	7,500 00	
1,560 00	1,800 00		Ranger	.....	
1,500 00	.....		Ranger	.....	
1,200 00	.....		Ranger	.....	
.....	.....		Three Supervisor's Assistants @ $1,500	4,500 00	
1,320 00	1,320 00		Telephone Lineman	1,380 00	
1,200 00	1,200 00		Export Patrolman	1,260 00	
1,200 00	.....		Storekeeper (Thurston Bay)	1,320 00	
			Southern Interior, Headquarters.		
.....	.....		Forester	3,000 00	
.....	.....		Assistant Forester	2,400 00	
			(a.) Vernon.		
.....	2,400 00		District Forester	2,460 00	
Reinstated.	1,920 00		Assistant District Forester	2,020 00	
1,200 00	.....		Clerk	.....	
Reinstated.	1,500 00		Clerk	1,500 00	
3,000 00	3,600 00		Two Rangers @ $1,900	3,800 00	
.....	.....		Two Rangers @ $1,500	3,000 00	
			(b.) Nelson.		
2,100 00	2,400 00		District Forester	2,520 00	
.....	.....		Assistant District Forester	1,920 00	
900 00	1,080 00		Clerk	1,152 00	
$ 146,340 00	$ 197,500 00		*Carried forward*	$197,816 00	$ 263,080 00

Fiscal Year, 1919-20.				
Original Estimates approved by Legislature.	Increased under "Civil Service Act" and Special Warrants, etc.	No. of Vote.	SERVICE.	Fiscal Year, 1920-21.
			DEPARTMENT OF LANDS—*Continued.*	
		163.	FOREST BRANCH—*Continued.*	
$ 146,340 00	$ 197,500 00		*Brought forward* $197,816 00	$ 263,080 00
			Salaries—*Continued.*	
			Southern Interior, Headquarters—Continued.	
			(b.) Nelson—Continued.	
4,500 00	5,400 00		Three Rangers @ $1,900 ..... 5,700 00	
1,380 00	1,680 00		One Ranger 1,800 00	
.....	1,500 00		Ranger 1,600 00	
			(c.) Cranbrook.	
1,800 00	2,280 00		District Forester 2,400 00	
.....	.....		Assistant District Forester 1,920 00	
1,080 00	.....		Clerk-Stenographer	
.....	1,440 00		Clerk 1,500 00	
1,440 00	1,800 00		Ranger 1,900 00	
1,400 00	1,800 00		Ranger 1,900 00	
1,380 00	1,680 00		Ranger 1,800 00	
.....	.....		Two Rangers @ $1,500 ..... 3,000 00	
			Northern Interior, Headquarters.	
.....	.....		Forester 2,800 00	
			(a.) Prince George.	
Reinstated.	2,640 00		District Forester 2,700 00	
1,380 00	1,920 00		Supervisor 1,920 00	
Reinstated.	1,920 00		Supervisor 1,920 00	
Reinstated.	1,680 00		Ranger 1,800 00	
.....	3,000 00		Two Rangers @ $1,680 ..... 3,360 00	
1,320 00	.....		Ranger 1,500 00	
.....	.....		Ranger 1,500 00	
1,020 00	1,080 00		Clerk 1,152 00	
			(b.) Cariboo.	
1,800 00	2,280 00		District Forester 2,400 00	
.....	.....		Assistant District Forester 1,920 00	
.....	1,380 00		Clerk 1,380 00	
.....	1,500 00		Ranger 1,680 00	
1,320 00	1,500 00		Ranger 1,680 00	
.....	1,500 00		Ranger 1,680 00	
.....	.....		Ranger 1,500 00	
			(c.) Kamloops.	
1,800 00	2,280 00		District Forester 2,400 00	
Reinstated.	1,920 00		Assistant District Forester 1,920 00	
$ 167,960 00	$ 239,680 00		*Carried forward* $256,548 00	$ 263,080 00

FISCAL YEAR, 1919-20.		No. of Vote.	SERVICE.	Fiscal Year, 1920-21.	
Original Estimates approved by Legislature.	Increased under "Civil Service Act" and Special Warrants, etc.				
			DEPARTMENT OF LANDS—*Continued.*		
		163.	FOREST BRANCH—*Continued.*		
$ 167,960 00	$ 239,680 00		*Brought forward*	$256,548 00	$ 263,080 00
			Salaries—*Continued.*		
			Northern Interior, Headquarters—Continued.		
			(c.) Kamloops—Continued.		
900 00	1,080 00		Clerk	1,152 00	
1,380 00	1,680 00		Ranger	1,800 00	
.....	1,500 00		Ranger	1,680 00	
Reinstated.	1,320 00		Ranger	1,680 00	
1,320 00	.....		Ranger	.....	
.....	.....		Ranger	1,500 00	
			Prince Rupert Headquarters.		
2,400 00	2,640 00		District Forester	2,700 00	
.....	1,500 00		Clerk	1,600 00	
1,080 00	1,080 00		Stenographer	1,080 00	
1,080 00	1,080 00		Stenographer	1,080 00	
780 00	900 00		Stenographer	960 00	
			(a.) Coast.		
1,620 00	2,100 00		Supervisor	2,160 00	
1,380 00	1,560 00		Supervisor's Assistant	1,660 00	
1,560 00	.....		Ranger	.....	
.....	1,500 00		Ranger	1,680 00	
1,320 00	.....		Ranger	1,500 00	
.....	.....		Three Rangers @ $1,500	4,500 00	
1,440 00	.....		Ranger	.....	
3,600 00	3,600 00		Two Scalers	.....	
1,380 00	1,380 00		Launch Captain	1,440 00	
			(b.) Hazelton.		
Reinstated.	2,100 00		Supervisor	2,100 00	
.....	.....		Ranger	1,500 00	
			Grazing.		
3,600 00	3,600 00		Grazing Commissioner	3,720 00	
.....	1,800 00		Assistant Grazing Commissioner	1,920 00	
780 00	900 00		Stenographer	900 00	
$ 193,580 00	$ 271,000 00		*Carried forward*	$294,860 00	$ 263,080 00

Fiscal Year, 1919-20. Original Estimates approved by Legislature.	Fiscal Year, 1919-20. Increased under "Civil Service Act" and Special Warrants, etc.	No. of Vote.	SERVICE.		Fiscal Year, 1920-21.
			DEPARTMENT OF LANDS—*Continued.*		
		163.	FOREST BRANCH—*Continued.*		
$ 193,580 00	$ 271,000 00		*Brought forward*	$294,860 00	$ 263,080 00
			Salaries—*Continued.*		
			Toronto Office.		
.....	3,000 00		Lumber Trade Commissioner	3,000 00	
.....	900 00		Clerk	1,200 00	
$ 193,580 00	$ 274,900 00			$299,060 00	
29,320 00	42,630 00		*Less* chargeable to Forest Protection Fund	$ 67,030 00	
.....	.....		*Less* chargeable to Lumber Trade Extension	10,620 00	
				77,650 00	
$ 164,260 00	$ 232,270 00		Total of Vote No. 163		221,410 00
		164.	GENERAL.		
$ 7,500 00	$ 7,500 00		Temporary assistance	$ 25,000 00	
$ 7,500 00	$ 7,500 00		Total of Vote No. 164		25,000 00
		165.	Expenses (including General Office and Branches):		
$ 31,000 00	$ 31,000 00		Office supplies, etc.	$ 48,650 00	
			Travelling expenses:		
500 00	500 00		General Office	$ 500 00	
9,000 00	9,000 00		Lands Branch	2,200 00	
350 00	350 00		Survey Branch	500 00	
14,000 00	14,000 00		Water Rights Branch	14,000 00	
27,500 00	27,500 00		Forest Branch	44,875 00	
				62,075 00	
40,870 00	40,870 00		Construction, purchase, maintenance of launches and autos, including subsistence of crews, etc.	49,950 00	
1,890 00	1,890 00		Rent and upkeep of District Offices	4,030 00	
10,000 00	10,000 00		Incidentals	15,000 00	
$ 135,110 00	$ 135,110 00		Total of Vote No. 165		179,705 00
			MISCELLANEOUS VOTES.		
$ 120,000 00	$ 120,000 00	166.	Forest Protection Fund ("Forest Act")	$150,000 00	
40,000 00	40,000 00	167.	Lumber trade extension	40,000 00	
700 00	700 00	168.	Rainfall and climatic statistics	700 00	
30,000 00	45,000 00	169.	General water surveys	45,000 00	
12,000 00	22,000 00	170.	Well-drilling, salaries and expenses	10,000 00	
1,500 00	1,500 00	171.	Special studies: duty of water	3,000 00	
5,000 00	5,000 00	172.	British Columbia Hydrometric Survey	7,500 00	
8,000 00	8,000 00	173.	Lithograph maps	10,000 00	
110,000 00	125,000 00	174.	Land surveys	231,000 00	
$ 327,200 00	$ 367,200 00		*Carried forward*	$497,200 00	$ 689,195 00

FISCAL YEAR, 1919-20. Original Estimates approved by Legislature.	FISCAL YEAR, 1919-20. Increased under "Civil Service Act" and Special Warrants, etc.	No. of Vote.	SERVICE.		Fiscal Year, 1920-21.
			DEPARTMENT OF LANDS—*Continued.*		
			MISCELLANEOUS VOTES—*Continued.*		
$ 327,200 00	$ 367,200 00		*Brought forward*	$497,200 00	$ 689,195 00
17,000 00	17,000 00	175.	Photo-topographical surveys	29,000 00	
15,000 00	15,000 00	176.	Publicity	10,000 00	
5,000 00	5,000 00	177.	General investigations	10,000 00	
10,000 00	10,270 00	178.	Incidentals and contingencies	10,000 00	
500 00	500 00	179.	Irrigation convention	500 00	
.....	.....	180.	Reconnaissance: growths, studies, and cruising	40,000 00	
.....	.....	181.	Insect damage: investigation and control	10,000 00	
13,500 00	13,500 00	182.	Grazing: range improvements, etc.	3,500 00	
.....	.....	183.	Oil investigations	25,000 00	
$ 388,200 00	$ 428,470 00		Total, Miscellaneous Votes		$ 635,200 00
$ 866,001 00	$1,021,977 00		Total, Department of Lands		$1,324,395 00
			DEPARTMENT OF LABOUR.		
		184.	GENERAL OFFICE.		
			Salaries:		
$ 3,600 00	$ 3,600 00		Deputy Minister	$ 3,720 00	
1,800 00	1,800 00		Chief Clerk	1,900 00	
1,600 00	1,500 00		Clerk	1,500 00	
1,500 00	.....		Clerk	.....	
780 00	780 00		Clerk and Stenographer	840 00	
720 00	.....		Stenographer	780 00	
1,000 00	1,000 00		Temporary assistance	300 00	
$ 11,000 00	$ 8,680 00			$ 9,040 00	
			Expenses:		
5,000 00	5,000 00		Office supplies, etc.	5,000 00	
1,500 00	1,500 00		Travelling expenses	1,500 00	
$ 17,500 00	$ 15,180 00		Total of Vote No. 184		$ 15,540 00
		185.	MINIMUM WAGE BOARD.		
			Salaries:		
$ 1,800 00	$ 1,800 00		Secretary	$ 1,800 00	
720 00	.....		Stenographer	.....	
900 00	780 00		Clerk and Stenographer (Vancouver Office)	780 00	
.....	.....		Inspector	1,000 00	
100 00	100 00		Temporary assistance	100 00	
$ 3,520 00	$ 2,680 00		*Carried forward*	$ 3,680 00	$ 15,540 00

Fiscal Year, 1919-20. Original Estimates approved by Legislature.	Fiscal Year, 1919-20. Increased under "Civil Service Act" and Special Warrants, etc.	No. of Vote.	SERVICE.		Fiscal Year, 1920-21.
			DEPARTMENT OF LABOUR—*Continued.*		
		185.	MINIMUM WAGE BOARD—*Continued.*		
$ 3,520 00	$ 2,680 00		*Brought forward*	$ 3,680 00	$ 15,540 00
			Expenses:		
3,200 00	3,200 00		Office expenses, etc.	2,800 00	
1,500 00	1,500 00		Travelling expenses	2,000 00	
.....	.....		Rent, light, etc. (Vancouver Office)	900 00	
$ 8,220 00	$ 7,380 00		Total of Vote No. 185		9,380 00
			EMPLOYMENT BUREAUS.		
		186.	CRANBROOK OFFICE.		
			Salaries:		
$ 1,200 00	$ 1,320 00		Clerk	$ 1,320 00	
720 00	.....		Clerk and Stenographer	.....	
200 00	200 00		Temporary assistance	100 00	
$ 2,120 00	$ 1,520 00			$ 1,420 00	
			Expenses:		
1,100 00	1,100 00		Office supplies	600 00	
200 00	200 00		Travelling expenses	200 00	
900 00	900 00		Rent, fuel, light, etc.	600 00	
$ 4,320 00	$ 3,720 00		Total of Vote No. 186		$ 2,820 00
		187.	FERNIE OFFICE.		
			Salaries:		
$ 1,200 00	$ 1,320 00		Clerk	$ 1,320 00	
720 00	.....		Clerk and Stenographer	.....	
200 00	200 00		Temporary assistance	100 00	
$ 2,120 00	$ 1,520 00			$ 1,420 00	
			Expenses:		
1,100 00	1,100 00		Office supplies	600 00	
200 00	200 00		Travelling expenses	200 00	
900 00	900 00		Rent, fuel, light, etc.	600 00	
$ 4,320 00	$ 3,720 00		Total of Vote No. 187		2,820 00
		188.	KAMLOOPS OFFICE.		
			Salaries:		
$ 1,200 00	$ 1,320 00		Clerk	$ 1,320 00	
720 00	.....		Clerk and Stenographer	.....	
200 00	200 00		Temporary assistance	100 00	
$ 2,120 00	$ 1,520 00		*Carried forward*	$ 1,420 00	$ 5,640 00 $ 24,920 00

Fiscal Year, 1919-20.		No. of Vote.	SERVICE.			Fiscal Year, 1920-21.
Original Estimates approved by Legislature.	Increased under "Civil Service Act" and Special Warrants, etc.					
			DEPARTMENT OF LABOUR—*Continued.*			
			EMPLOYMENT BUREAUS—*Continued.*			
		188.	KAMLOOPS OFFICE—*Continued.*			
$ 2,120 00	$ 1,520 00		*Brought forward*	$ 1,420 00	$ 5,640 00	$ 24,920 00
			Expenses:			
1,100 00	1,100 00		Office supplies, etc.	600 00		
200 00	200 00		Travelling expenses	200 00		
900 00	900 00		Rent, fuel, light, etc.	600 00		
$ 4,320 00	$ 3,720 00		Total of Vote No. 188		2,820 00	
		189.	NANAIMO OFFICE.			
			Salaries:			
$ 1,200 00	$ 1,320 00		Clerk	$ 1,320 00		
720 00	.....		Clerk and Stenographer	.....		
200 00	200 00		Temporary assistance	100 00		
$ 2,120 00	$ 1,520 00			$ 1,420 00		
			Expenses:			
1,100 00	1,100 00		Office supplies, etc.	600 00		
200 00	200 00		Travelling expenses	200 00		
900 00	900 00		Rent, fuel, light, etc.	600 00		
$ 4,320 00	$ 3,720 00		Total of Vote No. 189		2,820 00	
		190.	NELSON OFFICE.			
			Salaries:			
$ 1,200 00	$ 1,500 00		Clerk	$ 1,500 00		
720 00	.....		Clerk and Stenographer	780 00		
200 00	200 00		Temporary assistance	420 00		
$ 2,120 00	$ 1,700 00			$ 2,700 00		
			Expenses:			
1,100 00	1,100 00		Office supplies, etc.	600 00		
200 00	200 00		Travelling expenses	800 00		
900 00	900 00		Rent, fuel, light, etc.	600 00		
$ 4,320 00	$ 3,900 00		Total of Vote No. 190		4,700 00	
		191.	NEW WESTMINSTER OFFICE.			
			Salaries:			
$ 1,200 00	$ 1,320 00		Clerk	$ 1,320 00		
720 00	.....		Clerk and Stenographer	.....		
200 00	200 00		Temporary assistance	100 00		
$ 2,120 00	$ 1,520 00		*Carried forward*	$ 1,420 00	$ 15,980 00	$ 24,920 00

Fiscal Year, 1919-20.		No. of Vote	SERVICE.			Fiscal Year, 1920-21.
Original Estimates approved by Legislature.	Increased under "Civil Service Act" and Special Warrants, etc.					
			DEPARTMENT OF LABOUR—*Continued.*			
			EMPLOYMENT BUREAUS—*Continued.*			
		191.	NEW WESTMINSTER OFFICE—*Continued.*			
$ 2,120 00	$ 1,520 00		*Brought forward*	$ 1,420 00	$ 15,980 00	$ 24,920 00
			Expenses:			
1,100 00	1,100 00		Office supplies	600 00		
200 00	200 00		Travelling expenses	200 00		
900 00	900 00		Rent, fuel, light, etc.	600 00		
$ 4,320 00	$ 3,720 00		Total of Vote No. 191		2,820 00	
		192.	PRINCE RUPERT OFFICE.			
			Salaries:			
$ 1,320 00	$ 1,500 00		Clerk	$ 1,500 00		
900 00	.....		Clerk and Stenographer	.....		
200 00	200 00		Temporary assistance	200 00		
$ 2,420 00	$ 1,700 00			$ 1,700 00		
			Expenses:			
1,100 00	1,100 00		Office supplies, etc.	600 00		
200 00	200 00		Travelling expenses	200 00		
900 00	900 00		Rent, fuel, light, etc.	600 00		
$ 4,620 00	$ 3,900 00		Total of Vote No. 192		3,100 00	
		193.	VANCOUVER OFFICE.			
			Salaries:			
$ 2,700 00	$ 2,700 00		Provincial Superintendent	$ 2,700 00		
3,600 00	.....		Two Field Agents @ $1,800 each	.....		
.....	1,800 00		Clerk	1,500 00		
720 00	780 00		Stenographer	780 00		
1,800 00	1,800 00		Superintendent (Vancouver Office)	1,900 00		
1,200 00	1,200 00		Chief Clerk (Women's Department)	1,200 00		
.....	780 00		Clerk	780 00		
6,000 00	.....		Five Clerks @ $1,200 each	.....		
.....	1,500 00		Clerk	1,500 00		
.....	8,640 00		Six Clerks @ $1,440 each	8,640 00		
.....	.....		Two Clerks @ $1,320	2,640 00		
.....	1,320 00		Clerk	1,320 00		
780 00	.....		Clerk and Stenographer	900 00		
1,000 00	1,000 00		Temporary assistance	1,000 00		
$ 17,800 00	$ 21,520 00		*Carried forward*	$ 24,860 00	$ 21,900 00	$ 24,920 00

FISCAL YEAR, 1919-20. Original Estimates approved by Legislature.	Increased under "Civil Service Act" and Special Warrants, etc.	No. of Vote.	SERVICE.		Fiscal Year, 1920-21.
			DEPARTMENT OF LABOUR—*Continued.*		
			EMPLOYMENT BUREAUS—*Continued.*		
		193.	VANCOUVER OFFICE—*Continued.*		
$ 17,800 00	$ 21,520 00		*Brought forward*	$ 24,860 00 $ 21,900 00	$ 24,920 00
			Expenses:		
4,700 00	4,700 00		Office supplies, etc.	3,200 00	
2,500 00	2,500 00		Travelling expenses	2,000 00	
2,600 00	2,600 00		Rent, fuel, light, etc.	4,000 00	
$ 27,600 00	$ 31,320 00		Total of Vote No. 193	34,060 00	
		194.	VERNON OFFICE.		
			Salaries:		
.....	.....		Clerk	$ 1,320 00	
.....	.....		Clerk and Stenographer	.....	
.....	.....		Temporary assistance	100 00	
.....	.....			$ 1,420 00	
			Expenses:		
.....	.....		Office supplies, etc.	600 00	
.....	.....		Travelling expenses	200 00	
.....	.....		Rent, fuel, light, etc.	600 00	
.....	.....		Total of Vote No. 194	2,820 00	
		195.	VICTORIA OFFICE.		
			Salaries:		
$ 1,500 00	$ 1,620 00		Superintendent	$ 1,620 00	
1,200 00	1,200 00		Chief Clerk (Women's Department) ..	1,200 00	
.....	1,800 00		Clerk	1,500 00	
1,200 00	1,440 00		Clerk	1,440 00	
720 00	780 00		Stenographer	840 00	
800 00	800 00		Temporary assistance	500 00	
$ 5,420 00	$ 7,640 00			$ 7,100 00	
			Expenses:		
3,000 00	3,000 00		Office supplies	2,000 00	
500 00	500 00		Travelling expenses	500 00	
1,100 00	1,100 00		Rent, fuel, light, etc.	1,200 00	
$ 10,020 00	$ 12,240 00		Total of Vote No. 195	10,800 00	
			Carried forward	$ 69,580 00	$ 24,920 00

Fiscal Year, 1919-20. Original Estimates approved by Legislature.	Fiscal Year, 1919-20. Increased under "Civil Service Act" and Special Warrants, etc.	No. of Vote.	SERVICE.		Fiscal Year, 1920-21.
			DEPARTMENT OF LABOUR—*Continued.*		
			EMPLOYMENT BUREAUS—*Continued.*		
			Brought forward	$ 69,580 00	$ 24,920 00
		196.	SUB-AGENCIES.		
			For the purpose of establishing sub-agencies at other points in the Province (salaries and expenses)	$ 3,100 00	
$ 10,000 00	$ 10,000 00		Total of Vote No. 196	3,100 00	
$ 10,000 00	$ 10,000 00		Total, Employment Bureaus		72,680 00
.....	.....				
$ 103,880 00	$ 102,520 00		Total, Department of Labour		$ 97,600 00
			DEPARTMENT OF MINES.		
		197.	MINISTER'S OFFICE.		
			Salaries:		
$ 6,000 00	$ 6,000 00		Minister of Mines	$ 6,000 00	
1,920 00	1,920 00		Secretary	2,040 00	
$ 7,920 00	$ 7,920 00			$ 8,040 00	
			Expenses:		
975 00	975 00		Office supplies, etc.	1,025 00	
1,000 00	1,000 00		Travelling expenses	1,500 00	
$ 9,895 00	$ 9,895 00		Total of Vote No. 197		$ 10,565 00
		198.	GENERAL OFFICE.		
			Salaries:		
$ 3,720 00	$ 3,720 00		Deputy Minister	$ 4,000 00	
2,370 00	2,370 00		Chief Clerk and Gold Commissioner	2,400 00	
840 00	1,080 00		Clerk	1,152 00	
840 00	900 00		Clerk and Stenographer	960 00	
500 00	500 00		Clerk	900 00	
$ 8,270 00	$ 8,570 00			$ 9,412 00	
			Expenses:		
2,240 00	2,240 00		Office supplies, etc.	2,340 00	
150 00	150 00		Travelling expenses	150 00	
7,000 00	7,000 00		Printing, binding, and advertising, etc.	7,800 00	
$ 17,660 00	$ 17,960 00		Total of Vote No. 198		19,702 00
		199.	MINES INSPECTION BRANCH.		
			Salaries:		
$ 4,620 00	$ 4,620 00		Chief Inspector of Mines	$ 4,620 00	
2,700 00	2,700 00		Inspector	2,760 00	
$ 7,320 00	$ 7,320 00		*Carried forward*	$ 7,380 00	$ 30,267 00

FISCAL YEAR, 1919-20. Original Estimates approved by Legislature.	Increased under "Civil Service Act" and Special Warrants, etc.	No. of Vote.	SERVICE.		Fiscal Year, 1920-21.
			DEPARTMENT OF MINES—*Continued.*		
		199.	MINES INSPECTION BRANCH—*Continued.*		
$ 7,320 00	$ 7,320 00		*Brought forward*	$ 7,380 00	$ 30,267 00
			Salaries—*Continued.*		
2,520 00	2,580 00		Inspector	2,700 00	
2,520 00	2,520 00		Inspector	2,640 00	
2,100 00	2,100 00		Inspector	2,280 00	
1,980 00	2,100 00		Inspector	2,280 00	
1,980 00	2,100 00		Inspector	2,100 00	
4,000 00	4,200 00		Two Inspectors and Examiners of Mine Officials and Miners @ $2,400	4,800 00	
1,800 00	1,920 00		Inspector	1,980 00	
1,800 00	2,100 00		Inspector	2,100 00	
660 00	750 00		Stenographer	840 00	
$ 26,680 00	$ 27,690 00			$ 29,100 00	
			Expenses:		
1,200 00	1,200 00		Office supplies, etc.	1,200 00	
10,300 00	10,300 00		Travelling expenses	10,300 00	
.....	630 00		Special Warrant No. 26	.....	
$ 38,180 00	$ 39,820 00		Total of Vote No. 199		40,600 00
		200.	BUREAU OF MINES.		
			Salaries:		
$ 4,240 00	$ 4,240 00		Provincial Mineralogist and Assayer	$ 4,240 00	
1,464 00	1,680 00		Clerk	1,780 00	
900 00	900 00		Clerk	1,300 00	
2,400 00	2,520 00		Assistant Assayer and Public Analyst	2,640 00	
1,500 00	1,560 00		Laboratory Assistant	1,560 00	
1,140 00	1,260 00		Caretaker	1,260 00	
$ 11,644 00	$ 12,160 00			$ 12,780 00	
			Expenses:		
3,350 00	3,350 00		Office supplies, etc.	3,350 00	
500 00	500 00		Travelling expenses	500 00	
$ 15,494 00	$ 16,010 00		Total of Vote No. 200		16,630 00
		201.	MINE-RESCUE AND TRAINING STATIONS.		
			Salaries:		
$ 1,350 00	$ 1,440 00		Instructor and Caretaker	$ 1,440 00	
1,260 00	1,380 00		Instructor and Caretaker	1,380 00	
1,260 00	1,380 00		Instructor and Caretaker	1,380 00	
1,800 00	1,800 00		Instructor, First-aid Work	1,680 00	
$ 5,670 00	$ 6,000 00		*Carried forward*	$ 5,880 00	$ 87,497 00

Fiscal Year, 1919-20.					
Original Estimates approved by Legislature.	Increased under "Civil Service Act" and Special Warrants, etc.	No. of Vote.	SERVICE.		Fiscal Year, 1920-21.
			DEPARTMENT OF MINES—*Continued.*		
		201.	MINE-RESCUE AND TRAINING STATIONS—*Continued.*		
$ 5,670 00	$ 6,000 00		*Brought forward*	$ 5,880 00	$ 87,497 00
			Expenses:		
100 00	100 00		Office supplies, etc.	250 00	
10,000 00	10,000 00		Apparatus and miscellaneous	10,000 00	
1,200 00	1,200 00		Travelling expenses	1,200 00	
$ 16,970 00	$ 17,300 00		Total of Vote No. 201		17,330 00
			MISCELLANEOUS VOTES.		
.....	.....	202.	Grant to Western Branch Canadian Mining Institute	$ 1,000 00	
$ 2,500 00	$ 5,000 00	203.	Grant to Vancouver Chamber of Mines (conditional)	2,500 00	
2,500 00	2,500 00	204.	Grants to Mining Conventions	2,500 00	
80,000 00	80,000 00	205.	"Mines Development Act," Supplementary	100,000 00	
75,000 00	75,000 00	206.	"Mineral Survey & Development Act," Supplementary	75,000 00	
$ 160,000 00	$ 162,500 00		Total, Miscellaneous Votes		181,000 00
			STATUTORY.		
$ 18,112 54	$ 18,112 54		"Mines Development Act, 1916"	$ 34,950 36	
53,927 35	53,927 35		"Mineral Survey and Development Act, 1917"	54,424 02	
$ 72,039 89	$ 72,039 89		Total, Statutory		89,374 38
$ 330,238 89	$ 335,524 89		Total, Department of Mines		$ 375,201 38
			DEPARTMENT OF THE PROVINCIAL SECRETARY.		
		207.	MINISTER'S OFFICE.		
			Salaries:		
$ 6,000 00	$ 6,000 00		Provincial Secretary	$ 6,000 00	
1,140 00	1,090 00		Secretary	1,140 00	
$ 7,140 00	$ 7,090 00			$ 7,140 00	
			Expenses:		
1,250 00	1,250 00		Office supplies, etc.	800 00	
1,000 00	1,000 00		Travelling expenses	1,500 00	
$ 9,390 00	$ 9,340 00		Total of Vote No. 207		$ 9,440 00
		208.	GENERAL OFFICE.		
			Salaries:		
$ 3,360 00	$ 3,600 00		Deputy Provincial Secretary	$ 3,720 00	
2,112 00	2,220 00		Chief Clerk	2,340 00	
$ 5,472 00	$ 5,820 00		*Carried forward*	$ 6,060 00	$ 9,440 00

Fiscal Year, 1919-20. Original Estimates approved by Legislature.	Fiscal Year, 1919-20. Increased under "Civil Service Act" and Special Warrants, etc.	No. of Vote.	SERVICE.		Fiscal Year, 1920-21.
			DEPARTMENT OF THE PROVINCIAL SECRETARY—*Continued.*		
		208.	GENERAL OFFICE—*Continued.*		
$ 5,472 00	$ 5,820 00		*Brought forward*	$ 6,060 00	$ 9,440 00
			Salaries—*Continued.*		
1,440 00	1,680 00		Postal Clerk	1,780 00	
840 00	840 00		Clerk	900 00	
720 00	720 00		Stenographer	780 00	
480 00	600 00		Messenger	.....	
.....	.....		Junior Clerk	660 00	
250 00	250 00		Temporary assistance	1,250 00	
$ 9,202 00	$ 9,910 00			$ 11,430 00	
			Expenses:		
2,500 00	2,500 00		Office supplies, etc.	2,500 00	
100 00	100 00		Travelling expenses	250 00	
$ 11,802 00	$ 12,510 00		Total of Vote No. 208		14,180 00
		209.	PROVINCIAL BOARD OF HEALTH.		
			Salaries:		
$ 4,200 00	$ 4,200 00		Secretary	$ 4,320 00	
3,600 00	3,600 00		Hospital Inspector and Travelling Officer	3,600 00	
2,100 00	2,280 00		Chief Sanitary Inspector	2,400 00	
960 00	960 00		Clerk	1,020 00	
840 00	840 00		Junior Clerk	840 00	
1,344 00	1,620 00		Deputy Registrar, Births, Deaths, and Marriages	1,720 00	
1,200 00	1,440 00		Clerk	1,500 00	
840 00	960 00		Clerk	1,020 00	
540 00	900 00		Junior Clerk	960 00	
$ 15,624 00	$ 16,800 00			$ 17,380 00	
			Expenses:		
2,150 00	2,150 00		Office supplies	3,650 00	
5,000 00	5,000 00		Travelling expenses	6,000 00	
10,000 00	10,000 00		Medical inspection of schools	10,000 00	
14,000 00	14,000 00		Incidentals and contingencies	30,000 00	
$ 46,774 00	$ 47,950 00		Total of Vote No. 209		67,030 00
		210.	PROVINCIAL LIBRARY AND ARCHIVES.		
			Salaries:		
$ 2,820 00	$ 2,715 00		Librarian and Archivist	$ 2,400 00	
.....	1,215 00		Assistant Librarian	.....	
1,524 00	1,620 00		Chief Cataloguer	1,720 00	
840 00	1,080 00		First Assistant Cataloguer	1,180 00	
.....	.....		Second Assistant Cataloguer	870 00	
1,320 00	1,380 00		Superintendent, Travelling Libraries	.....	
.....	1,440 00		Legislative Reference Clerk	1,540 00	
$ 6,504 00	$ 9,450 00		*Carried forward*	$ 7,710 00	$ 90,650 00

Fiscal Year, 1919-20.		No. of Vote.	SERVICE.		Fiscal Year, 1920-21.
Original Estimates approved by Legislature.	Increased under "Civil Service Act" and Special Warrants, etc.				
			DEPARTMENT OF THE PROVINCIAL SECRETARY—*Continued.*		
		210.	PROVINCIAL LIBRARY AND ARCHIVES—*Continued.*		
$ 6,504 00	$ 9,450 00		*Brought forward*	$ 7,710 00	$ 90,650 00
			Salaries—*Continued.*		
1,152 00	960 00		Reference Clerk	1,020 00	
.....	810 00		Assistant Reference Clerk	.....	
720 00	260 00		Junior Clerk	.....	
600 00	.....		Junior Clerk	.....	
720 00	810 00		Stenographer and Book-keeper	870 00	
.....	.....		Stenographer	870 00	
600 00	810 00		Archives Indexer	870 00	
720 00	.....		Archives Stenographer	.....	
.....	.....		Clerk for Periodicals and Government Documents	1,140 00	
.....	.....		Apprentice	540 00	
480 00	270 00		Junior Clerk	.....	
.....	335 48		Temporary assistance	.....	
$ 11,496 00	$ 14,515 48			$ 13,020 00	
			Expenses:		
5,000 00	7,000 00		Office supplies, books, subscriptions, etc.	7,500 00	
2,500 00	2,800 00		Travelling Libraries	.....	
$ 18,996 00	$ 24,315 48		Total of Vote No. 210		20,520 00
		211.	"PUBLIC LIBRARIES ACT."		
			Salaries:		
.....	.....		Superintendent	$ 1,740 00	
.....	.....		Assistant Superintendent	960 00	
				$ 2,700 00	
.....	.....		Expenses:		
.....	.....		Office supplies, etc.	700 00	
.....	.....		Books, etc.	2,500 00	
.....	.....		Freight	700 00	
.....	.....		Travelling expenses, including commission	1,300 00	
.....	500 00		Incidentals and contingencies	200 00	
.....	$ 500 00		Total of Vote No. 211		8,100 00
		212.	PROVINCIAL MUSEUM.		
			Salaries:		
$ 2,192 00	$ 2,280 00		Director	$ 2,400 00	
720 00	780 00		Recorder	840 00	
1,200 00	1,440 00		Assistant Biologist	1,540 00	
1,080 00	1,260 00		Attendant	1,320 00	
900 00	1,140 00		Attendant	1,200 00	
100 00	100 00		Temporary assistance	600 00	
$ 6,192 00	$ 7,000 00		*Carried forward*	$ 7,900 00	$119,270 00

Fiscal Year, 1919-20. Original Estimates approved by Legislature.	Fiscal Year, 1919-20. Increased under "Civil Service Act" and Special Warrants, etc.	No. of Vote.	SERVICE.		Fiscal Year, 1920-21.
			DEPARTMENT OF THE PROVINCIAL SECRETARY—*Continued.*		
		212.	PROVINCIAL MUSEUM—*Continued.*		
$ 6,192 00	$ 7,000 00		*Brought forward*	$ 7,900 00	$ 119,270 00
			Expenses:		
625 00	625 00		Office supplies, etc.	1,125 00	
100 00	100 00		Travelling expenses	.....	
1,483 00	1,483 00		Incidentals and contingencies	1,583 00	
$ 8,400 00	$ 9,208 00		Total of Vote No. 212		10,608 00
			MENTAL HOSPITALS.		
		213.	NEW WESTMINSTER.		
			Salaries:		
$ 3,600 00	$ 3,600 00		Medical Superintendent of Institutions	$ 3,720 00	
2,400 00	2,400 00		Assistant Medical Superintendent	2,700 00	
1,800 00	1,800 00		Assistant Physician	1,920 00	
1,464 00	1,584 00		Receiving Clerk	1,684 00	
1,200 00	1,320 00		Analyst	1,420 00	
1,020 00	1,320 00		Clinical Clerk and Stenographer	1,392 00	
.....	.....		Second Stenographer	780 00	
72,078 00	72,078 00		Sundry employees	77,180 00	
$ 83,562 00	$ 84,102 00			$ 90,796 00	
			Expenses:		
1,425 00	1,425 00		Office supplies, etc.	2,400 00	
125 00	125 00		Travelling expenses	500 00	
17,500 00	17,500 00		Fuel, light, and water	20,000 00	
7,900 00	7,900 00		Maintenance and repairs of buildings, etc.	10,000 00	
4,000 00	4,000 00		Furniture and fixtures	4,000 00	
45,000 00	45,000 00		Provisions	50,000 00	
16,000 00	16,000 00		Uniforms and clothing	16,000 00	
2,000 00	2,000 00		Medical and surgical supplies	2,500 00	
2,500 00	2,500 00		Examinations, committals, and transportation	4,000 00	
9,000 00	9,000 00		Incidentals and contingencies	12,000 00	
$ 189,012 00	$ 189,552 00		Total of Vote No. 213		$212,196 00
		214.	ESSONDALE.		
			Salaries:		
$ 2,400 00	$ 2,400 00		Assistant Medical Superintendent	$ 2,700 00	
1,920 00	1,800 00		Assistant Physician	2,100 00	
.....	.....		Assistant Physician	1,800 00	
2,400 00	2,400 00		Bursar, Institutions and Farm	2,520 00	
1,320 00	1,320 00		Assistant Bursar	1,420 00	
$ 8,040 00	$ 7,920 00		*Carried forward*	$ 10,540 00	$212,196 00 $ 129,878 00

FISCAL YEAR, 1919-20. Original Estimates approved by Legislature.	Increased under "Civil Service Act" and Special Warrants, etc.	No. of Vote.	SERVICE.			Fiscal Year, 1920-21.
			DEPARTMENT OF THE PROVINCIAL SECRETARY—*Continued.*			
			MENTAL HOSPITALS—*Continued.*			
		214.	ESSONDALE—*Continued.*			
$ 8,040 00	$ 7,920 00		*Brought forward*	$ 10,540 00	$212,196 00	$ 129,878 00
			Salaries—*Continued.*			
1,200 00	1,320 00		Book-keeper	1,392 00		
1,020 00	1,260 00		Clinical Clerk and Stenographer	1,332 00		
.....	900 00		Business Stenographer	960 00		
.....	.....		Junior Stenographer	780 00		
81,776 00	80,876 00		Sundry employees	95,864 00		
$ 92,036 00	$ 92,276 00			$110,868 00		
			Expenses:			
3,420 00	3,420 00		Office supplies, etc.	2,600 00		
1,000 00	1,000 00		Travelling expenses	1,000 00		
31,500 00	31,500 00		Fuel, light, and water	36,000 00		
10,500 00	10,500 00		Maintenance and repairs of buildings, etc.	10,500 00		
9,500 00	9,500 00		Furniture and fixtures	9,000 00		
70,000 00	70,000 00		Provisions, etc.	75,000 00		
14,000 00	14,000 00		Uniforms and clothing	16,000 00		
2,000 00	2,000 00		Medical and surgical supplies	1,800 00		
2,000 00	2,000 00		Examinations, committals, and transportation	2,000 00		
15,300 00	15,300 00		Incidentals and contingencies	16,020 00		
$ 251,256 00	$ 251,496 00		Total of Vote No. 214		280,788 00	
		215.	COLONY FARM AND NURSERY, ESSONDALE.			
			Salaries:			
$ 2,400 00	$ 2,400 00		Farm Superintendent	$ 2,520 00		
1,080 00	1,080 00		Record Clerk	1,152 00		
20,880 00	20,880 00		Sundry employees	25,980 00		
$ 24,360 00	$ 24,360 00			$ 29,652 00		
			Expenses:			
400 00	400 00		Office supplies	600 00		
600 00	600 00		Travelling expenses	1,000 00		
1,800 00	1,800 00		Fuel, light, and water	2,000 00		
4,350 00	4,350 00		Maintenance and repairs of buildings	4,500 00		
3,000 00	3,000 00		Provisions, etc.	3,000 00		
15,000 00	27,000 00		Feed for stock	30,000 00		
3,500 00	3,500 00		Fertilizer and seed	4,000 00		
1,500 00	1,500 00		Testing cows	2,400 00		
.....	.....		Implements, harness, etc.	1,000 00		
.....	.....		Blacksmith supplies	1,000 00		
$ 54,510 00	$ 75,510 00		*Carried forward*	$ 79,152 00	$492,984 00	$ 129,878 00

FISCAL YEAR, 1919-20. Original Estimates approved by Legislature.	Increased under "Civil Service Act" and Special Warrants, etc.	No. of Vote.	SERVICE.			Fiscal Year, 1920-21.
			DEPARTMENT OF THE PROVINCIAL SECRETARY—*Continued.*			
			MENTAL HOSPITALS—*Continued.*			
		215.	COLONY FARM AND NURSERY, ESSONDALE—*Continued.*			
$ 54,510 00	$ 75,510 00		*Brought forward*	$ 79,152 00	$492,984 00	$ 129,878 00
			Expenses—*Continued.*			
.....	.....		Resurfacing Farm Road	1,000 00		
4,370 00	4,370 00		Incidentals and contingencies	8,000 00		
$ 58,880 00	$ 79,880 00		Total of Vote No. 215		88,152 00	
		216.	MENTAL HOME (SAANICH), COLQUITZ.			
			Salaries:			
$ 1,320 00	$ 1,320 00		Supervisor	$ 1,420 00		
1,200 00	1,200 00		Visiting Physician	1,200 00		
8,100 00	10,610 00		Sundry employees	14,160 00		
$ 10,620 00	13,130 00			$ 16,780 00		
			Expenses:			
250 00	250 00		Office supplies, etc.	250 00		
200 00	200 00		Travelling expenses	250 00		
5,100 00	5,100 00		Fuel, light, and water	5,000 00		
500 00	500 00		Maintenance and repairs of buildings, etc.	2,500 00		
500 00	500 00		Furniture and fixtures	1,200 00		
7,500 00	10,990 00		Provisions	12,000 00		
2,000 00	2,000 00		Uniforms and clothing	3,000 00		
200 00	200 00		Medical and surgical supplies	500 00		
4,500 00	4,500 00		Incidentals and contingencies	5,000 00		
$ 31,370 00	$ 37,370 00		Total of Vote No. 216		46,480 00	
$ 530,518 00	$ 549,298 00		Total, Mental Hospitals			627,616 00
		217.	PROVINCIAL HOME, KAMLOOPS.			
			Salaries:			
$ 1,080 00	$ 1,200 00		Superintendent		$ 1,300 00	
720 00	840 00		Matron		900 00	
8,142 00	8,142 00		Sundry employees		10,000 00	
$ 9,942 00	$ 10,182 00				$ 12,200 00	
			Expenses:			
145 00	145 00		Office supplies, etc.		145 00	
350 00	350 00		Furniture and fixtures		1,000 00	
6,500 00	6,500 00		Fuel, light, and water		7,000 00	
1,950 00	1,950 00		Maintenance and repairs of buildings, grounds, etc.		2,500 00	
14,000 00	14,000 00		Provisions, etc.		14,000 00	
3,000 00	3,000 00		Clothing, etc.		3,500 00	
$ 35,887 00	$ 36,127 00		*Carried forward*		$ 40,345 00	$ 757,494 00

Fiscal Year, 1919-20. Original Estimates approved by Legislature.	Increased under "Civil Service Act" and Special Warrants, etc.	No. of Vote.	SERVICE.		Fiscal Year, 1920-21.
			DEPARTMENT OF THE PROVINCIAL SECRETARY—*Continued.*		
		217.	PROVINCIAL HOME, KAMLOOPS—*Continued.*		
$ 35,887 00	$ 36,127 00		*Brought forward*	$ 40,345 00	$ 757,494 00
			Expenses—*Continued.*		
500 00	500 00		Medical and surgical supplies	500 00	
450 00	450 00		Transportation of inmates	600 00	
600 00	600 00		Feed for live stock	800 00	
500 00	500 00		Incidentals and contingencies	700 00	
$ 37,937 00	$ 38,177 00		Total of Vote No. 217		42,945 00
			GRANTS TO HOSPITALS AND CHARITIES.		
$ 500,000 00	$ 500,000 00	218.	Statutory grants to Hospitals	$450,000 00	
25,000 00	25,000 00	219.	Special grants to Hospitals	35,000 00	
7,000 00	7,000 00	220.	Grants to Refuge Homes, Aid Societies, etc.	6,000 00	
20,000 00	20,000 00	221.	In aid of destitute poor and sick	25,000 00	
11,050 00	11,050 00	222.	In aid of Resident Physicians	10,000 00	
2,000 00	2,000 00	223.	Burial of indigent persons	1,250 00	
$ 565,050 00	$ 565,050 00		Total, Grants to Hospitals and Charities		527,250 00
		224.	KING'S PRINTER.		
			Salaries:		
$ 2,620 00	$ 2,700 00		King's Printer and Comptroller of Stationery	$ 2,820 00	
1,920 00	2,040 00		Chief Clerk	2,100 00	
1,536 00	1,536 00		Clerk and Stenographer	1,536 00	
1,260 00	1,440 00		Accountant	1,500 00	
1,260 00	1,440 00		Cost Accountant	1,500 00	
480 00	900 00		Junior Clerk	960 00	
1,344 00	1,440 00		Storekeeper	1,500 00	
1,200 00	1,200 00		Mail Clerk	1,272 00	
990 00	1,200 00		Stockman	1,272 00	
900 00	960 00		Packer	1,020 00	
360 00	360 00		Messenger	360 00	
79,548 00	79,458 00		Sundry employees	100,132 48	
$ 93,418 00	$ 94,674 00			$115,972 48	
			Expenses:		
1,750 00	1,750 00		Office supplies, etc.	1,750 00	
25 00	25 00		Travelling expenses	25 00	
35,000 00	43,000 00		Printing-paper, materials, and incidentals	35,000 00	
1,000 00	1,000 00		New machinery, type, maintenance of plant, and repairs, etc.	7,000 00	
30,000 00	32,000 00		Stationery	30,000 00	
$ 161,193 00	$ 172,449 00		Total of Vote No. 224		189,747 48
			Carried forward		$1,517,436 48

FISCAL YEAR, 1919-20. Original Estimates approved by Legislature.	Increased under "Civil Service Act" and Special Warrants, etc.	No. of Vote.	SERVICE.		Fiscal Year, 1920-21.
			DEPARTMENT OF THE PROVINCIAL SECRETARY—*Continued.*		
			Brought forward		$1,517,436 48
		225.	CIVIL SERVICE COMMISSION.		
			Salaries:		
$ 4,000 00	$ 4,000 00		Commissioner	$ 4,120 00	
1,320 00	1,500 00		Clerk	1,600 00	
780 00	840 00		Stenographer	900 00	
1,560 00	1,620 00		Two Stenographers @ $870	1,740 00	
1,440 00	1,560 00		Two Stenographers @ $840	1,680 00	
720 00	780 00		Stenographer	780 00	
.....	.....		Stenographer	780 00	
1,500 00	1,500 00		Temporary assistance	500 00	
$ 11,320 00	$ 11,800 00			$ 12,100 00	
2,000 00	2,000 00		*Less* chargeable to departments for substitute work	2,000 00	
$ 9,320 00	$ 9,800 00			$ 10,100 00	
			Expenses:		
2,600 00	2,600 00		Office supplies, etc.	1,750 00	
400 00	400 00		Furniture and fixtures	300 00	
2,000 00	2,000 00		Travelling expenses	1,000 00	
1,000 00	1,000 00		Advertising	1,000 00	
1,000 00	1,000 00		Examinations $1,200 00		
			Less fees 700 00		
				500 00	
1,000 00	1,000 00		Contingencies	1,000 00	
$ 17,320 00	$ 17,800 00		Total of Vote No. 225		15,650 00
			MISCELLANEOUS VOTES.		
$ 2,500 00	$ 2,500 00	226.	Registration of voters	$ 20,000 00	
5,000 00	10,000 00	227.	Royal Commissions	10,000 00	
50,000 00	50,000 00	228.	Grants to Civil Servants and employees on military duty	.....	
1,000 00	1,000 00	229.	Grant to City of Greenwood	1,000 00	
4,500 00	4,500 00	230.	Grant to City of Phoenix	4,500 00	
12,000 00	12,000 00	231.	Grant to City of Rossland	12,000 00	
12,500 00	12,500 00	232.	Grant to Pacific North-west Tourist Association	12,500 00	
250,000 00	250,000 00	233.	Grant for patriotic purposes, Returned Soldiers' Aid Commission, etc.	250,000 00	
.....	.....	234.	Grants towards expenses of Imperial Press Conference	5,000 00	
60,000 00	60,000 00	235.	Superannuation	70,000 00	
.....	.....	236.	Gratuities under section 45, "Civil Service Act"	6,000 00	
100,000 00	100,000 00	237.	Salaries of Civil Servants returning from overseas, etc.	.....	
$ 497,500 00	$ 502,500 00		*Carried forward*	$391,000 00	$1,533,086 48

Fiscal Year, 1919-20.		No. of Vote.	SERVICE.		Fiscal Year, 1920-21.
Original Estimates approved by Legislature.	Increased under "Civil Service Act" and Special Warrants, etc.				
			DEPARTMENT OF THE PROVINCIAL SECRETARY—*Continued.*		
			MISCELLANEOUS VOTES—*Continued.*		
$ 497,500 00	$ 502,500 00		*Brought forward*	$391,000 00	$1,533,086 48
25,000 00	25,000 00	238.	Assessment on Class 13, Workmen's Compensation Board	25,000 00	
16,000 00	16,000 00	239.	Salaries of members, Workmen's Compensation Board	16,000 00	
.....	.....	240.	Salaries, Industrial School and Subnormal Boys' School	8,000 00	
.....	.....	241.	Maintenance and furnishing, Industrial School and Subnormal Boys' School	30,000 00	
100,000 00	100,000 00	....	Civil Servants' bonuses	.....	
1,000 00	1,000 00	242.	Contingencies and incidentals	10,000 00	
$ 639,500 00	$ 644,500 00		Total, Miscellaneous Votes		480,000 00
$2,046,880 00	$2,091,097 48		Total, Department of the Provincial Secretary		$2,013,086 48
			DEPARTMENT OF PUBLIC WORKS.		
		243.	MINISTER'S OFFICE.		
			Salaries:		
$ 6,000 00	$ 6,000 00		Minister of Public Works	$ 6,000 00	
1,920 00	1,920 00		Secretary	2,040 00	
$ 7,920 00	$ 7,920 00			$ 8,040 00	
			Expenses:		
500 00	500 00		Office supplies, etc.	1,000 00	
2,000 00	2,000 00		Travelling expenses	2,000 00	
$ 10,420 00	$ 10,420 00		Total of Vote No. 243		$ 11,040 00
		244.	ADMINISTRATION.		
			Salaries:		
$ 3,720 00	$ 3,720 00		Deputy Minister	$ 4,000 00	
4,000 00	4,500 00		Public Works Engineer	5,000 00	
2,640 00	3,000 00		Assistant Public Works Engineer	3,240 00	
			Draughting Office.		
2,400 00	2,760 00		Office Engineer	3,120 00	
2,400 00	2,400 00		Designing Engineer	2,400 00	
.....	.....		Chief Draughtsman	2,100 00	
1,964 00	2,100 00		Draughtsman	2,100 00	
.....	.....		Draughtsman	1,800 00	
.....	.....		Draughtsman (Junior)	1,200 00	
$ 17,124 00	$ 18,480 00		*Carried forward*	$ 24,960 00	$ 11,040 00

FISCAL YEAR, 1919-20. Original Estimates approved by Legislature.	Increased under "Civil Service Act" and Special Warrants, etc.	No. of Vote.	SERVICE.		Fiscal Year, 1920-21.
			DEPARTMENT OF PUBLIC WORKS—*Continued.*		
		244.	ADMINISTRATION—*Continued.*		
$ 17,124 00	$ 18,480 00		*Brought forward*	$ 24,960 00	$ 11,040 00
			Salaries—*Continued.*		
			Architect's Office.		
2,000 00	2,640 00		Supervising Architect (1919-20, Acting)	2,880 00	
1,780 00	1,980 00		Assistant Supervising Architect (1919-20, Draughtsman)	2,100 00	
.....	.....		Draughtsman	1,720 00	
			Accounting Department.		
2,520 00	2,640 00		Chief Clerk and Accountant	2,760 00	
1,620 00	1,680 00		Assistant Accountant	1,780 00	
1,200 00	1,620 00		Clerk	1,720 00	
1,620 00	1,620 00		Clerk	1,620 00	
2,400 00	2,760 00		Two Clerks @ $1,452 each	2,904 00	
			General Office.		
1,200 00	1,620 00		Clerk (Senior)	1,720 00	
1,320 00	.....		Clerk	.....	
1,320 00	1,440 00		Clerk (Filing)	1,440 00	
780 00	900 00		Clerk (Junior)	960 00	
600 00	540 00		Clerk (Junior)	600 00	
960 00	1,080 00		Stenographer	1,080 00	
1,800 00	1,920 00		Two Stenographers @ $1,020 each	2,040 00	
780 00	810 00		Stenographer	870 00	
600 00	600 00		Temporary assistance	1,000 00	
			Superintendent of Bridges and Buildings.		
.....	.....		Salary	3,000 00	
			Mechanical Superintendent.		
.....	.....		Salary	2,100 00	
$ 39,624 00	$ 42,330 00			$ 57,254 00	
			Expenses:		
2,500 00	3,500 00		Office supplies, etc.	4,000 00	
1,800 00	2,800 00		Travelling expenses	3,500 00	
$ 43,924 00	$ 48,630 00		Total of Vote No. 244		64,754 00
		245.	MAINTENANCE OF PARLIAMENT BUILDINGS AND GROUNDS.		
			Salaries:		
			Telegraph Operator.		
$ 1,200 00	$ 1,200 00		Operator	$ 1,200 00	
360 00	480 00		Messenger	540 00	
$ 1,560 00	$ 1,680 00		*Carried forward*	$ 1,740 00	$ 75,794 00

FISCAL YEAR, 1919-20.		No. of Vote.	SERVICE.	Fiscal Year, 1920-21.
Original Estimates approved by Legislature.	Increased under "Civil Service Act" and Special Warrants, etc.			
			DEPARTMENT OF PUBLIC WORKS—*Continued.*	
		245.	MAINTENANCE OF PARLIAMENT BUILDINGS, ETC.—*Continued.*	
$ 1,560 00	$ 1,680 00		*Brought forward* ..... $ 1,740 00	$ 75,794 00
			Salaries—*Continued.*	
			Garage.	
1,680 00	1,920 00		Chauffeur-Mechanic 1,680 00	
			Boiler-room.	
1,800 00	1,860 00		Engineer 1,860 00	
1,500 00	1,560 00		First Assistant Engineer 1,560 00	
1,320 00	1,380 00		Second Assistant Engineer 1,380 00	
.....	1,380 00		Third Assistant Engineer 1,380 00	
1,500 00	1,680 00		Electrician 1,680 00	
1,500 00	1,620 00		Plumber 1,620 00	
			Carpenter-shop.	
1,380 00	1,440 00		Head Carpenter 1,500 00	
2,760 00	2,760 00		Two Carpenters @ $1,440 each 2,880 00	
			Janitors.	
1,380 00	1,500 00		Chief Janitor 1,500 00	
1,140 00	1,260 00		Janitor 1,260 00	
4,080 00	4,560 00		Four Janitors @ $1,200 each 4,800 00	
5,760 00	6,840 00		Six Janitors @ $1,200 each 7,200 00	
5,760 00	6,840 00		Six Janitors @ $1,170 each 7,020 00	
5,760 00	6,840 00		Six Janitors @ $1,140 each 6,840 00	
.....	.....		One Janitor 1,140 00	
960 00	1,140 00		Watchman 1,200 00	
960 00	1,140 00		Watchman 1,170 00	
1,920 00	2,280 00		Two Watchmen @ $1,140 each 2,280 00	
1,080 00	1,200 00		Usher 1,200 00	
360 00	540 00		Assistant Usher 540 00	
960 00	960 00		Temporary 600 00	
			Grounds.	
1,200 00	1,380 00		Chief Gardener 1,440 00	
1,020 00	.....		Assistant Gardener	
$ 47,340 00	$ 53,760 00		$ 55,470 00	
			Expenses:	
13,000 00	19,000 00		Fuel, light, and water 14,000 00	
14,800 00	14,800 00		Maintenance and repairs of building 32,418 00	
6,400 00	9,200 00		Gardening and grounds, including statue 10,836 00	
.....	.....		Pictures of Their Majesties the King and Queen.. 1,700 00	
1,500 00	1,900 00		Scavenging, cleaning, and Janitors' supplies 2,000 00	
7,560 00	7,560 00		Telephones 7,500 00	
1,040 00	1,040 00		Taxes 1,040 00	
$ 91,640 00	$ 107,260 00		*Carried forward* $124,964 00	$ 75,794 00

FISCAL YEAR, 1919-20.		No. of Vote.	SERVICE.		Fiscal Year, 1920-21.
Original Estimates approved by Legislature.	Increased under "Civil Service Act" and Special Warrants, etc.				
			DEPARTMENT OF PUBLIC WORKS—*Continued.*		
		245.	MAINTENANCE OF PARLIAMENT BUILDINGS, ETC.—*Continued.*		
$ 91,640 00	$ 107,260 00		*Brought forward*	$124,964 00	$ 75,794 00
			Expenses—*Continued.*		
11,100 00	11,100 00		Insurance	.....	
1,500 00	1,500 00		Garage	1,700 00	
500 00	500 00		Miscellaneous	500 00	
$ 104,740 00	$ 120,360 00		Total of Vote No. 245		127,164 00
		246.	MAINTENANCE OF GOVERNMENT HOUSE AND GROUNDS.		
			Salaries:		
$ 2,400 00	$ 2,400 00		Private Secretary	$ 2,400 00	
.....	1,140 00		Chief Gardener	1,200 00	
$ 2,400 00	$ 3,540 00			$ 3,600 00	
			Expenses:		
2,000 00	2,000 00		Fuel, light, and water	2,700 00	
3,036 00	3,036 00		Maintenance, repairs, and furniture	4,600 00	
8,500 00	9,350 00		Gardening and grounds	7,500 00	
400 00	400 00		Ground-rent and taxes	500 00	
500 00	500 00		Miscellaneous	500 00	
$ 16,836 00	$ 18,826 00		Total of Vote No. 246		19,400 00
		247.	DISTRICT ENGINEERS.		
			Salaries:		
$ 2,520 00	$ 2,760 00		Engineer	$ 3,000 00	
12,000 00	13,800 00		Five Engineers @ $3,000 each	15,000 00	
4,800 00	5,280 00		Two Engineers @ $2,880 each	5,760 00	
.....	.....		Engineer	2,520 00	
7,200 00	8,640 00		Six Clerks @ $1,500 each	9,000 00	
1,200 00	1,500 00		Clerk	1,500 00	
1,200 00	.....		Clerk	.....	
.....	.....		Clerk	1,440 00	
.....	900 00		Clerk	960 00	
.....	.....		Stenographer @ $840 (half-salary charged to Electrical Energy)	420 00	
$ 28,920 00	$ 32,880 00			$ 39,600 00	
			Expenses:		
4,830 00	5,830 00		Office supplies, etc.	6,900 00	
8,870 00	9,870 00		Travelling expenses	11,500 00	
$ 42,620 00	$ 48,580 00		Total of Vote No. 247		58,000 00
			Carried forward		$ 280,358 00

Fiscal Year, 1919-20. Original Estimates approved by Legislature.	Fiscal Year, 1919-20. Increased under "Civil Service Act" and Special Warrants, etc.	No. of Vote.	SERVICE.		Fiscal Year, 1920-21.
			DEPARTMENT OF PUBLIC WORKS—*Continued.*		
			Brought forward		$ 280,358 00
		248.	STEAM-BOILER INSPECTION.		
			Salaries:		
$ 3,600 00	$ 3,900 00		Chief Inspector	$ 3,900 00	
5,280 00	6,000 00		Two Inspectors @ $3,000 each	6,000 00	
2,580 00	2,940 00		Inspector	3,000 00	
2,520 00	2,520 00		Inspector	.....	
2,400 00	2,880 00		Inspector	3,000 00	
2,280 00	2,280 00		Inspector	.....	
2,280 00	2,640 00		Inspector	2,760 00	
4,440 00	5,160 00		Two Inspectors @ $2,700 each	5,400 00	
2,040 00	2,520 00		Inspector	2,640 00	
2,040 00	2,460 00		Inspector	2,580 00	
4,080 00	4,800 00		Two Inspectors @ $2,520 each	5,040 00	
960 00	1,080 00		Clerk	1,152 00	
780 00	900 00		Stenographer	960 00	
780 00	840 00		Stenographer	900 00	
780 00	810 00		Stenographer	870 00	
780 00	780 00		Stenographer	840 00	
.....	1,320 00		Engineer, launch	1,320 00	
$ 37,620 00	$ 43,830 00			$ 40,362 00	
			Expenses:		
3,167 00	3,167 00		Office supplies, etc.	3,645 00	
8,070 00	8,070 00		Travelling expenses	8,000 00	
3,500 00	3,500 00		Launch (maintenance and supplies)	2,500 00	
500 00	500 00		Testing instruments, chemicals, etc.	300 00	
$ 52,857 00	$ 59,067 00		Total of Vote No. 248		54,807 00
		249.	"ELECTRICAL ENERGY INSPECTION ACT."		
			Salaries:		
$ 3,020 00	$ 2,640 00		Inspector	$ 2,880 00	
1,800 00	1,800 00		Assistant Inspector	2,100 00	
.....	.....		Stenographer @ $840 (half-salary charged to District Engineer)	420 00	
$ 4,820 00	$ 4,440 00			$ 5,400 00	
			Expenses:		
910 00	910 00		Office supplies, etc.	1,150 00	
1,000 00	1,000 00		Travelling expenses	1,800 00	
$ 6,730 00	$ 6,350 00		Total of Vote No. 249		8,350 00
		250.	"FACTORIES ACT."		
			Salaries:		
$ 2,400 00	$ 2,400 00		Inspector	$ 2,640 00	
2,100 00	2,100 00		Assistant Inspector	2,220 00	
$ 4,500 00	$ 4,500 00		*Carried forward*	$ 4,860 00	$ 343,515 00

FISCAL YEAR, 1919-20.				
Original Estimates approved by Legislature.	Increased under "Civil Service Act" and Special Warrants, etc.	No. of Vote.	SERVICE.	Fiscal Year, 1920-21.
			DEPARTMENT OF PUBLIC WORKS—*Continued.*	
		250.	"FACTORIES ACT"—*Continued.*	
$ 4,500 00	$ 4,500 00		*Brought forward* ..... $ 4,860 00	$ 343,515 00
			Salaries—*Continued.*	
.....	.....		Assistant Inspector 1,200 00	
900 00	1,020 00		Stenographer	
48 00	48 00		Temporary assistance 48 00	
$ 5,448 00	$ 5,568 00		$ 6,108 00	
			Expenses:	
185 00	185 00		Office supplies, etc. 310 00	
1,800 00	1,800 00		Travelling expenses 2,200 00	
$ 7,433 00	$ 7,553 00		Total of Vote No. 250	8,618 00
		251.	ROADS, STREETS, BRIDGES, AND WHARVES.	
.....	.....		Maintenance and repairs $2,197,600 00	
$1,613,879 00	$1,613,879 00		Total of Vote No. 251	2,197,600 00
		252.	STEAMBOATS, FERRIES, AND BRIDGE-TENDERS.	
.....	.....		Subsidies and maintenance $195,490 00	
$ 193,435 00	$ 193,435 00		Total of Vote No. 252	195,490 00
			MISCELLANEOUS.	
.....	$ 2,707 50		S.W. No. 3—Court-house, Vernon (claim of Laidlaw & Ritchie)	.....
.....	5,000 00		S.W. No. 10—Vedder River Protection	.....
.....	10,000 00		S.W. No. 7—Road, Ioco-Port Moody (refund, Imperial Oil Co.)	.....
$2,092,874 00	$2,144,807 50		Total, Department of Public Works	$2,745,223 00
			DEPARTMENT OF RAILWAYS.	
		253.	GENERAL OFFICE.	
			Salaries:	
$ 3,900 00	$ 4,200 00		Chief Engineer ..... $ 4,500 00	
2,400 00	2,640 00		Assistant Engineer 2,760 00	
2,700 00	2,700 00		Inspector of Rolling-stock and Equipment 3,000 00	
2,400 00	2,400 00		Assistant Inspector of Rolling-stock and Equipment 2,400 00	
.....	.....		Assistant Inspector of Rolling-stock and Equipment 2,400 00	
1,200 00	1,500 00		Chief Clerk 1,600 00	
780 00	810 00		Stenographer 870 00	
.....	810 00		Stenographer 870 00	
$ 13,380 00	$ 15,060 00		*Carried forward* ..... $ 18,400 00	

Fiscal Year, 1919-20.		No. of Vote.	SERVICE.		Fiscal Year, 1920-21.
Original Estimates approved by Legislature.	Increased under "Civil Service Act" and Special Warrants, etc.				
			DEPARTMENT OF RAILWAYS—*Continued.*		
		253.	GENERAL OFFICE—*Continued.*		
$ 13,380 00	$ 15,060 00		*Brought forward*	$ 18,400 00	
			Expenses:		
1,450 00	1,450 00		Office supplies, etc.	2,500 00	
3,000 00	3,000 00		Travelling expenses	4,000 00	
$ 17,830 00	$ 19,510 00		Total of Vote No. 253		$ 24,900 00
		254.	FRASER RIVER BRIDGE, NEW WESTMINSTER.		
$ 25,000 00	$ 48,000 00		Salaries, maintenance, and repairs	$ 25,000 00	
$ 25,000 00	$ 48,000 00		Total of Vote No. 254		25,000 00
$ 42,830 00	$ 67,510 00		Total, Department of Railways		$ 49,900 00

Estimates and Special Warrants etc., for Fiscal Year 1919-20.	No. of Vote.	SERVICE.	Fiscal Year, 1920-21.
		CAPITAL EXPENDITURES.	
	255.	Sinking Funds:	
.....		"Loan Acts, 1891, 1893, 1895, 1899, and 1902"—1 per cent. per annum on Inscribed Stock, £2,045,760 ($9,921,936), payable in London, England, 30th June and 31st December, 1920...	$ 99,219 36
$ 119,050 00		"Loan Act, 1914"—annual payment due 1st April, 1920.....	119,050 00
238,908 00		"Loan Act, 1915"—annual payment due 1st December, 1920..	238,908 00
77,500 00		"Loan Act, 1916" (Amendment, 1917)—annual payment due 1st April, 1920	77,500 00
154,505 00		"Loan Act, 1916"—annual payment due 1st July, 1920.....	154,505 00
.....		"Loan Act, 1916"—annual payment due 2nd July, 1920.....	86,000 00
5,740 00		"Loan Act, 1917"—annual payment due 1st April, 1920.....	5,740 00
.....		"Loan Act, 1917"—annual payment due 16th May, 1920.....	9,072 00
2,870 00		"Loan Act, 1917"—annual payment due 1st November, 1920..	2,870 00
2,870 00		"Loan Act, 1917"—annual payment due 1st December, 1920..	2,870 00
8,610 00		"Loan Act, 1917"—annual payment due 1st December, 1920..	8,610 00
2,870 00		"Loan Act, 1917"—annual payment due 1st December, 1920..	2,870 00
86,000 00		"Loan Act, 1918"—annual payment due 5th March, 1921.....	86,000 00
.....		"Better Housing Act, 1919"—annual payment due 16th June, 1920	22,680 00
7,867 00		Dyking Debentures—annual payment due 1st July, 1920.....	7,867 00
210,000 00		Investment of Dividends on above Loans	260,000 00
$ 916,790 00		Total of Vote No. 255	$1,183,761 36
	256.	Pacific Great Eastern Railway Company—Interest on Guaranteed Bonds due 15th July, 1920, and 15th January, 1921	907,200 00
$ 907,200 00			
9,700 00	257.	British Columbia House, London, England—Instalment on mortgage	9,700 00
50,000 00	258.	Songhees Reserve	50,000 00
200,000 00	259.	Johnson Street Bridge, Victoria (revoted)	200,000 00
93,300 00	260.	Roads, Streets, Bridges, and Wharves	116,300 00
75,000 00	261.	Industrial School and Boys' Subnormal School Buildings	250,000 00
3,000 00	....	Office Building and Residence, Hope	.....
4,400 00	262.	Government Buildings, Prince Rupert	100,000 00
8,800 00	....	Court-house and Police Building, Ocean Falls	.....
3,500 00	263.	Police Station and Quarters, Bridge Crossing	5,000 00
2,500 00	....	Police Station and Quarters, Yahk	.....
.....	264.	Police Station and Quarters, Kelowna	3,500 00
.....	265.	Police Station and Quarters, Clinton	5,000 00
5,000 00	266.	Police Station and Quarters, at other points if required	5,000 00
37,500 00	267.	Mental Hospitals, New Westminster, Essondale, and Colony Farm	81,000 00
14,700 00	....	Colony Farm, Essondale	.....
.....	268.	Government Building, Pouce Coupe	12,000 00
.....	269.	Government Building, Williams Lake	20,000 00
.....	270.	Purchase of building, Barkerville	3,500 00
.....	271.	Technical School (provisional)	175,000 00
.....	272.	Forestry Offices and Rangers' Stations	18,000 00
.....	273.	Warden's Residence, Oakalla Prison Farm	5,000 00
.....	274.	Main Highways, Industrial and Settlement Roads	300,000 00
$2,331,390 00		Total, Capital Expenditures	$3,449,961 36

DETAILED STATEMENT OF VOTE No. 90.

SALARIES OF TEACHERS IN ASSISTED SCHOOLS.

Salary, 1919-20.	School.	Salary, 1920-21.
$ 800 00	Adelphi	Closed.
960 00	Albert Canyon	$1,080 00
780 00	Albert Head	900 00
1,080 00	Alexander Manson	1,140 00
1,080 00	Alxeandria	1,140 00
1,020 00	Alice Arm	1,140 00
960 00	Alice Siding	1,020 00
1,080 00	Alkali Lake	1,200 00
840 00	Allen Grove	960 00
960 00	Anarchist Mountain	1,050 00
.....	Anderson Creek	960 00
960 00	Annable	1,050 00
960 00	Appledale	1,080 00
900 00	Argenta	1,020 00
960 00	Arrow Park, West	1,080 00
900 00	Ashton Creek	1,000 00
936 00	Aspen Grove	1,020 00
960 00	Athalmer	1,080 00
1,020 00	Balfour	1,140 00
900 00	Balmoral	980 00
900 00	Bamfield	1,000 00
1,200 00	Barkerville	1,200 00
900 00	Barnston Island	960 00
960 00	Barriere River	1,020 00
960 00	Barriere Valley	Closed.
960 00	Beaton	1,050 00
1,020 00	Beaverley	1,080 00
1,140 00	Beaver Lake	1,200 00
960 00	Belford	1,020 00
1,020 00	Bella Coola	1,140 00
1,020 00	Bella Coola, Lower	1,100 00
900 00	Berrydale	1,000 00
1,080 00	Big Bar	1,140 00
1,160 00	Big Bar Mountain	1,200 00
1,080 00	Big Bar, Upper	1,140 00
1,020 00	Big Eddy	1,140 00
960 00	Blaeberry	1,050 00
960 00	Blind Bay	960 00
900 00	Blubber Bay	1,020 00
900 00	Blueberry Creek	1,050 00
960 00	Blue River	1,050 00
960 00	Bonarparte, North	1,020 00
960 00	Bonaparte, Valley	1,020 00
840 00	Boston Bar	940 00
960 00	Boswell	1,020 00
900 00	Boundary Falls	1,020 00
900 00	Bowen Island	960 00
960 00	Bowie	1,080 00
960 00	Box Lake	1,080 00
1,020 00	Braeside	1,080 00
$ 960 00	Bridesville	$1,050 00
1,150 00	Brilliant, Principal	1,260 00
1,100 00	Brilliant, 2nd Division	1,200 00
1,100 00	Brilliant, 3rd Division	1,140 00
960 00	Brisco	1,080 00
1,080 00	Britannia Beach, Principal	1,260 00
960 00	Britannia Beach, 2nd Division	1,080 00
900 00	Britannia Beach, 3rd Division	960 00
960 00	Britannia Mine	1,080 00
960 00	Brookmere	1,020 00
960 00	Brown Creek	Closed.
1,080 00	Buckley Bay	1,100 00
1,020 00	Bulkley, North	1,050 00
1,020 00	Bulkley, South	1,050 00
1,020 00	Burns Lake, Principal	1,260 00
960 00	Burns Lake, 2nd Division	1,080 00
960 00	Cahilty	960 00
960 00	Caithness	1,020 00
900 00	Campbell Range	1,000 00
900 00	Camp Lister	1,140 00
1,020 00	Canim Lake	1,140 00
1,080 00	Cape Scott	1,140 00
900 00	Carlin Siding	980 00
1,140 00	Cartier	1,260 00
960 00	Castledale	1,050 00
1,020 00	Castlegar	1,200 00
1,080 00	Castle Rock	1,140 00
960 00	Cedarvale	1,050 00
900 00	Chase Creek	960 00
900 00	Chase Creek, Lower	960 00
780 00	Chaumox	900 00
900 00	Cheakamus	960 00
1,020 00	Chief Lake	1,140 00
1,020 00	Chilco	1,080 00
1,140 00	Chilcotin	1,200 00
1,080 00	Chimney Creek	1,200 00
1,020 00	Christian Valley	Closed
960 00	Chu Chua	1,000 00
960 00	Clearwater	1,020 00
900 00	Clo-ose	1,000 00
960 00	Coalmont	1,020 00
1,020 00	Cokato	1,140 00
1,020 00	Collishaw	1,140 00
960 00	Coltern	1,080 00
960 00	Columbia Gardens	1,080 00
840 00	Concord	900 00
900 00	Cooper Creek	1,020 00
960 00	Copper City	1,050 00
900 00	Copper Creek	960 00
960 00	Copper Mountain	1,080 00

DETAILED STATEMENT OF VOTE No. 90—*Continued.*

SALARIES OF TEACHERS IN ASSISTED SCHOOLS—*Continued.*

Salary, 1919-20.	School.	Salary, 1920-21.
$ 960 00	Cortes Island	$1,020 00
900 00	Craigellachie	960 00
900 00	Cranberry Marsh	960 00
900 00	Crawford Creek	1,000 00
900 00	Criss Creek	960 00
1,020 00	Crow's Nest	1,080 00
960 00	Cultus Lake	1,020 00
960 00	Curzon	1,020 00
1,260 00	Dawson Creek	1,320 00
1,020 00	Deadwood	Closed.
900 00	Deep Creek	1,020 00
960 00	Deer Park	1,080 00
960 00	Demars, West	1,080 00
1,260 00	Discovery	1,320 00
1,020 00	Dome Creek	1,140 00
840 00	Doriston	960 00
1,080 00	Dragon Lake	1,140 00
960 00	Duhamel	1,000 00
1,020 00	Dunster	1,080 00
960 00	Eagle Valley	1,020 00
960 00	Edgewood	1,080 00
900 00	Eholt	1,020 00
1,020 00	Elk Bridge	1,140 00
960 00	Elk Prairie	960 00
1,020 00	Ellesby	1,080 00
900 00	Elphinstone Bay	960 00
1,020 00	Endako	1,080 00
1,020 00	Engen	1,080 00
960 00	Erie	1,000 00
960 00	Essondale	960 00
960 00	Fairview	1,050 00
960 00	Falkland	1,020 00
900 00	False Bay	960 00
900 00	Fauquier	960 00
1,000 00	Ferguson	1,020 00
960 00	Fife	1,080 00
.....	Fir Valley	1,020 00
960 00	Fire Valley	1,080 00
900 00	Fish Lake	980 00
1,080 00	Flagstone	1,140 00
900 00	Florence Mine	1,080 00
1,020 00	Fort Fraser	1,140 00
1,380 00	Fort George, Principal	1,440 00
1,140 00	Fort George, 2nd Division	1,200 00
1,260 00	Fort George, South, Principal	1,380 00
1,000 00	Fort George, South, 2nd Division	1,140 00
1,260 00	Fort St. John	1,320 00
960 00	Foster's Bar	1,020 00
1,080 00	Francois Lake	1,140 00
1,080 00	Francois Lake, South	Closed.
840 00	Gabriola, East	900 00
$ 960 00	Galena Bay	$1,080 00
840 00	Galiano	900 00
840 00	Galiano, North	900 00
900 00	Gerrard	960 00
900 00	Gillis Bay	960 00
900 00	Gilpin	960 00
1,080 00	Giscome	1,140 00
960 00	Glacier	1,080 00
1,150 00	Glade, Principal	1,260 00
1,100 00	Glade, 2nd Division	1,160 00
1,080 00	Glencoe	1,140 00
840 00	Glenrosa	960 00
900 00	Grandview Bench	960 00
960 00	Granite Bay	960 00
960 00	Hall's Landing	1,080 00
960 00	Hardwick Island	1,020 00
1,140 00	Harper's Camp	1,200 00
900 00	Harrogate	1,020 00
1,000 00	Harrop	1,080 00
1,020 00	Hartley	1,080 00
875 00	Hat Creek	Closed.
1,140 00	Hazelton	1,200 00
1,140 00	Hazelton, New	1,140 00
960 00	Heffley Creek	1,050 00
840 00	Heffley Creek, Upper	1,000 00
960 00	Heffley Lake	960 00
900 00	Hendon	900 00
960 00	Heriot Bay	960 00
960 00	Heywood's Corner	1,020 00
840 00	Hidden Bay	960 00
780 00	Highland	900 00
1,080 00	Hilborn	1,140 00
960 00	Hilltop	1,020 00
960 00	Hilton	960 00
840 00	Hope Station	960 00
840 00	Hornby Island	960 00
960 00	Horse Creek	1,080 00
1,020 00	Hosmer	1,140 00
1,020 00	Houston	1,100 00
960 00	Hupel	1,020 00
900 00	Huscroft	1,080 00
1,020 00	Hutton	1,200 00
900 00	Inglee	960 00
900 00	Ingram Mountain	960 00
960 00	Invermere	1,080 00
960 00	Inverness	1,050 00
1,020 00	Ioco, Principal	1,140 00
900 00	Ioco, 2nd Division	960 00
875 00	Isabella Point	900 00
840 00	James Island	960 00

DETAILED STATEMENT OF VOTE No. 90—*Continued.*

SALARIES OF TEACHERS IN ASSISTED SCHOOLS—*Continued.*

Salary, 1919-20.	School.	Salary, 1920-21.
$ 840 00	Jordan River	$ 960 00
900 00	Kaleden	960 00
960 00	Kaleva	1,020 00
960 00	Kedleston	1,020 00
840 00	Keefers	960 00
900 00	Kelowna, East	1,050 00
960 00	Kettle River, North	1,080 00
960 00	Kettle Valley	1,080 00
900 00	Kildonan	1,000 00
960 00	Killarney	1,020 00
1,140 00	Kimberley, Principal	1,200 00
1,020 00	Kimberley, 2nd Division	1,080 00
960 00	Kingcome Inlet	1,020 00
960 00	Kingsgate	1,000 00
900 00	Kinnaird	1,000 00
960 00	Kitchener	1,080 00
875 00	Knutsford	960 00
900 00	Koch Siding	1,020 00
1,100 00	Krestova	1,200 00
900 00	Lac du Bois	960 00
1,000 00	Lac la Hache	1,140 00
900 00	Lake Buntzen	960 00
1,020 00	Lake District	1,080 00
1,260 00	Landry	1,320 00
1,020 00	Lee	1,080 00
840 00	Lee Creek	960 00
960 00	Little Fort	1,050 00
1,020 00	Loos	1,140 00
1,000 00	Lucerne	1,100 00
960 00	Mabel Lake	1,020 00
840 00	Magna Bay	960 00
1,200 00	Malcolm Island, Principal	1,260 00
960 00	Malcolm Island, 2nd Division	1,020 00
1,020 00	Mapes	1,140 00
900 00	Marshall	960 00
1,080 00	Masset	1,100 00
1,020 00	Mayook	1,020 00
900 00	Meadow Spur	1,020 00
900 00	Meadow Valley	960 00
1,140 00	Meldrum Creek	1,200 00
1,140 00	Metlakatla	1,140 00
1,020 00	Mill Creek, Principal	1,140 00
900 00	Mill Creek, 2nd Division	960 00
960 00	Mill Plant	1,080 00
960 00	Moberly	960 00
1,020 00	Morrissey Mines	1,080 00
960 00	Mount Ingersoll	1,080 00
900 00	Moyase	1,080 00
1,080 00	Moyie, Principal	1,140 00
900 00	Moyie, 2nd Division	960 00
$1,020 00	Mud River	$1,080 00
900 00	Myncaster	Closed.
780 00	Myrtle Point	960 00
1,080 00	Macalister	1,140 00
1,260 00	McBride, Principal	1,380 00
.....	McBride, 2nd Division	1,140 00
960 00	McGuire	1,020 00
1,020 00	MacKenzie	1,140 00
900 00	McMurdo	960 00
1,020 00	Nechako	1,080 00
960 00	Needles	1,080 00
960 00	Newgate	1,080 00
960 00	Nickel Plate Mine	1,020 00
960 00	Nimpkish	1,020 00
840 00	Nine-mile Creek	1,000 00
1,020 00	Nithi River	1,140 00
960 00	Noosatsum	1,100 00
900 00	Okanagan Centre	1,020 00
960 00	Olalla	1,020 00
900 00	Olsen Lake	960 00
900 00	One-mile Creek	1,020 00
1,020 00	Ootsa Lake	1,140 00
1,020 00	Osland	1,100 00
960 00	Osoyoos	960 00
1,100 00	Outlook	1,200 00
960 00	Pachelqua	960 00
960 00	Pacific	1,050 00
840 00	Park's Siding	1,000 00
900 00	Parson	960 00
1,120 00	Pass Creek	1,200 00
935 00	Pavilion	Closed.
900 00	Paxton Valley	960 00
780 00	Pemberton Meadows	900 00
875 00	Pemberton Range	960 00
900 00	Pender Harbour	960 00
1,000 00	Perry Siding	1,080 00
900 00	Popcum	960 00
1,020 00	Port Alice, Principal	1,200 00
900 00	Port Alice, 2nd Division	1,020 00
1,080 00	Port Clements	1,140 00
960 00	Port Hardy	1,020 00
840 00	Port Renfrew	1,000 00
1,260 00	Pouce Coupe	1,320 00
1,260 00	Pouce Coupe, Central	1,320 00
1,260 00	Pouce Coupe, North	1,320 00
960 00	Princeton, East	1,050 00
1,020 00	Quatsino	1,080 00
1,080 00	Queen Charlotte	1,140 00
900 00	Raft River	1,020 00
900 00	Ray Lake	960 00

DETAILED STATEMENT OF VOTE No. 90—*Continued.*

Salaries of Teachers in Assisted Schools—*Continued.*

Salary, 1919-20.	School.	Salary, 1920-21.
$ 900 00	Red Lake	$ 980 00
900 00	Refuge Cove	Closed.
900 00	Reiswig	960 00
960 00	Renata	1,080 00
840 00	Retreat Cove	900 00
1,000 00	Rexmount	1,100 00
935 00	Riondel	1,020 00
780 00	Robert's Creek, East	960 00
960 00	Robin's Range	1,050 00
960 00	Rock Bay	1,020 00
1,020 00	Rock Creek	1,140 00
960 00	Rock Creek, Upper	Closed.
960 00	Rock Mountain	1,080 00
1,020 00	Roe Lake	1,100 00
935 00	Roosville	1,000 00
960 00	Rosebery	1,020 00
1,080 00	Rose Lake	1,200 00
1,020 00	Rose Valley	1,080 00
1,020 00	Round Lake	1,050 00
960 00	Round Top	1,020 00
900 00	Saint Elmo	960 00
900 00	Salmon Bench	960 00
960 00	Salmon Valley	1,020 00
1,140 00	Sandspit	1,140 00
1,260 00	Saskatoon Creek	1,320 00
840 00	Saturna Island	900 00
875 00	Savary Island	960 00
875 00	Savona Road	940 00
960 00	Sayward	1,020 00
840 00	Sechelt	960 00
935 00	Seton Lake Creek	1,080 00
900 00	Seton Portage	Closed.
960 00	Seymour Arm	1,080 00
960 00	Shoreacres	1,020 00
935 00	Shuswap, North	1,020 00
900 00	Shutty Bench	1,020 00
960 00	Sicamous	1,080 00
960 00	Similkameen	1,000 00
900 00	Sinclair	960 00
875 00	Sirdar	1,020 00
1,080 00	Sister's Creek	1,140 00
1,080 00	Skidegate	1,100 00
840 00	Skookumchuck	960 00
1,080 00	Soda Creek	1,140 00
960 00	Solsqua	960 00
780 00	Sooke, North	900 00
900 00	Sorrento	960 00
1,080 00	Springhouse	1,200 00
900 00	Sproat	1,000 00
960 00	Squam Bay	1,050 00
$ 900 00	Squirrel Cove	$ 960 00
1,020 00	Standard Mine	1,080 00
1,020 00	Stellaco	1,080 00
1,020 00	Stewart	1,200 00
960 00	Sullivan Valley	960 00
960 00	Summit Lake	1,020 00
875 00	Sunnybrae	960 00
900 00	Sunnyside	960 00
960 00	Sunnyside Cannery	1,050 00
900 00	Sunnyside No. 2	1,000 00
1,020 00	Surf Inlet Beach	1,050 00
1,020 00	Surf Inlet Mine	1,050 00
1,200 00	Swan Lake	1,320 00
1,020 00	Swanson Bay	1,140 00
960 00	Swift Creek	1,050 00
900 00	Syringa Creek	960 00
900 00	Taft	Closed.
900 00	Tappen Valley	980 00
1,260 00	Taylor's Flats	1,320 00
1,320 00	Telegraph Creek	1,380 00
1,020 00	Telkwa	1,100 00
1,000 00	Thrums	1,080 00
960 00	Thurlow	1,020 00
960 00	Tonkawatla	1,020 00
900 00	Tranquille	960 00
900 00	Trapp Lake	980 00
900 00	Trout Creek, Upper	Closed.
1,020 00	Trout Lake	1,140 00
960 00	Tulameen	1,020 00
900 00	Turtle Valley	960 00
900 00	Twin Butte	960 00
1,000 00	Ucluelet	1,020 00
960 00	Ucluelet Arm	1,000 00
960 00	Ucluelet, East	1,000 00
960 00	Usk	1,140 00
960 00	Valdes Island	960 00
960 00	Vavenby	1,020 00
900 00	Vinsulla	1,050 00
900 00	Waleach	960 00
840 00	Walhachin	960 00
900 00	Wanklyn	1,000 00
960 00	Wapta	1,080 00
960 00	Wasa	1,080 00
875 00	Watmore	960 00
960 00	Wellbore Channel	1,020 00
900 00	Westbank	1,020 00
850 00	Westsyde	960 00
840 00	West View	960 00
960 00	Whaletown	1,020 00
900 00	White Lake	1,000 00

DETAILED STATEMENT OF VOTE No. 90—*Continued.*

SALARIES OF TEACHERS IN ASSISTED SCHOOLS—*Continued.*

Salary, 1919-20.	School.	Salary, 1920-21.
$1,080 00	Williams Lake	$1,200 00
960 00	William's Siding	1,020 00
1,080 00	Willow River	1,140 00
960 00	Wilmer	1,080 00
900 00	Windermere	1,020 00
$1,020 00	Winlaw	$1,080 00
900 00	Wolfson Bay	960 00
1,020 00	Wynndel	1,140 00
960 00	Yahk	1,080 00
900 00	Yale	960 00

DETAILED STATEMENT OF VOTE No. 91.

SALARIES OF TEACHERS OF SCHOOLS IN ESQUIMALT & NANAIMO RAILWAY BELT.

$ 840 00	Beaver Creek	$ 960 00
960 00	Bench	960 00
840 00	Bowser	900 00
1,140 00	Brechin, Principal	1,260 00
960 00	Brechin, 2nd Division	1,080 00
840 00	Brechin, 3rd Division	960 00
780 00	Cassidy	1,020 00
780 00	Cedar, East	900 00
1,020 00	Cedar, North, Principal	1,140 00
840 00	Cedar, North, 2nd Division	960 00
1,000 00	Cedar, South	1,020 00
1,140 00	Chase River, Principal	1,260 00
960 00	Chase River, 2nd Division	1,080 00
840 00	Chase River, 3rd Division	960 00
840 00	Cherry Creek Valley	960 00
840 00	Cobble Hill	960 00
1,020 00	Comox, Principal	1,140 00
840 00	Comox, 2nd Division	960 00
1,020 00	Cowichan, Principal	1,140 00
840 00	Cowichan, 2nd Division	960 00
840 00	Cowichan Lake	960 00
960 00	Departure Bay	960 00
1,020 00	Diamond Crossing, Principal	1,140 00
840 00	Diamond Crossing, 2nd Division	960 00
900 00	Errington	1,020 00
1,200 00	Extension, Principal	1,260 00
960 00	Extension, 2nd Division	1,080 00
840 00	Extension, 3rd Division	960 00
900 00	Fanny Bay	960 00
900 00	French Creek	960 00
900 00	Gill	1,020 00
900 00	Glenora	960 00
960 00	Grantham	1,080 00
900 00	Grant Mine	960 00
1,380 00	Harewood, Principal	1,500 00
1,140 00	Harewood, 2nd Division	1,260 00
1,020 00	Harewood, 3rd Division	1,140 00
900 00	Harewood, 4th Division	1,020 00
840 00	Harewood, 5th Division	960 00
840 00	Harewood, 6th Division	960 00
840 00	Harewood, 7th Division	960 00
840 00	Harewood, 8th Division	960 00
$ 840 00	Harewood, 9th Division	$ 960 00
840 00	Headquarters	960 00
840 00	Hillier	960 00
900 00	Koksilah	960 00
960 00	Lazo	1,020 00
1,020 00	Merville, Principal	1,200 00
840 00	Merville, 2nd Division	1,020 00
960 00	Mill Bay	960 00
1,020 00	Minto, Principal	1,140 00
840 00	Minto, 2nd Division	960 00
780 00	Montrose	900 00
960 00	Mountain	1,020 00
900 00	McGuigan	960 00
1,080 00	Nanaimo Bay, Principal	1,140 00
960 00	Nanaimo Bay, 2nd Division	1,000 00
875 00	Nanoose Bay	960 00
840 00	Nob Hill	900 00
1,020 00	Northfield, Principal	1,140 00
840 00	Northfield, 2nd Division	960 00
1,080 00	Number 7 Mine, Principal	1,140 00
900 00	Number 7 Mine, 2nd Division	960 00
840 00	Number 8 Mine	960 00
935 00	Oyster	960 00
960 00	Oyster, North	1,020 00
1,020 00	Parksville, Principal	1,140 00
840 00	Parksville, 2nd Division	960 00
1,020 00	Qualicum Beach, Principal	1,140 00
780 00	Qualicum Beach, 2nd Division	960 00
900 00	Qualicum, Little	960 00
840 00	Royston	960 00
840 00	Sahtlam	960 00
960 00	Sandwick	1,080 00
1,020 00	Shawnigan	1,020 00
780 00	Sylvania	960 00
1,080 00	Union Bay, Principal	1,200 00
900 00	Union Bay, 2nd Division	1,020 00
1,020 00	Wellington, Principal	1,140 00
780 00	Wellington, 2nd Division	960 00
1,320 00	Wellington, South, Principal	1,380 00
1,140 00	Wellington, South, 2nd Division	1,200 00
1,020 00	Wellington, South, 3rd Division	1,080 00
900 00	Wellington, South, 4th Division	960 00

1919-1920

SUPPLEMENTARY ESTIMATES OF EXPENDITURE

FOR THE

FISCAL YEAR ENDING 31ST MARCH, 1920

Main Estimates and Special Warrants Fiscal Year 1919-20.	No. of Vote.	SERVICE.			Fiscal Year. 1919-20.
$1,412,050 62	1.	PUBLIC DEBT.			
		Premium and Exchange			$ 20,000 00
100,000 00	2.	LEGISLATION.			
		Printing, binding, etc		$ 10,000 00	
		Operation of dining-room, etc.		1,500 00	
		J. Cronk (additional to Sessional allowance voted for Sergeant-at-Arms, fiscal year 1918-19, Session of 1919)		100 00	
		Additional to amount voted for Salaries and Expenses		5,000 00	
					16,600 00
		DEPARTMENT OF AGRICULTURE.			
Nil	32A.	Adjustment for Civil Servants who left the Service between 1st April, 1919, and date of regrading			40 00
		DEPARTMENT OF THE ATTORNEY-GENERAL.			
30,710 00	34.	General Office—Office supplies, etc.		$ 500 00	
14,490 00	35.	Joint-stock Companies and Insurance Branch—Office supplies, etc.		250 00	
14,112 00	37.	Censor of Moving Pictures—Vault fittings		750 00	
8,830 00	39.	Sheriff's Office, Vancouver—Office supplies		500 00	
Nil	39A.	Sheriff's Office, Victoria:			
		Salaries	$2,950 00		
		Expenses	1,050 00		
				4,000 00	
16,186 00	40.	Land Registry Office, Kamloops:			
		Office supplies	$ 750 00		
		Gratuity to the widow of W. J. Burton	420 00		
				1,170 00	
22,767 00	42.	Land Registry Office, New Westminster—Office supplies, etc.		300 00	
30,299 00	45.	Land Registry Office, Victoria—Office supplies, etc.		1,500 00	
23,571 00	51.	Supreme and County Courts, Vancouver—Office supplies, etc.		1,500 00	
24,565 00	52.	Supreme and County Courts, Victoria—Maintenance and repairs		1,000 00	
56,570 00	56.	Oakalla Prison Farm—Maintenance and repairs		6,500 00	
39,918 00	57.	Boys' Industrial School—Expenses		5,000 00	
18,500 00	60.	Summoning and paying witnesses		500 00	
20,250 00	61.	Grand and Petit Jurors		2,500 00	
Nil	75A.	Compensation to the parents of North Archambault, accidentally killed at Oakalla Prison Farm, 8th August, 1919		1,500 00	
Nil	75B.	Adjustment for Civil Servants who left the service between 1st April, 1919, and date of regrading		1,460 00	
					28,930 00
		Carried forward			$ 65,570 00

Main Estimates and Special Warrants Fiscal Year 1919-20.	No. of Vote.	SERVICE.		Fiscal Year. 1919-20.
		Brought forward		$ 65,570 00
		DEPARTMENT OF EDUCATION.		
$ 22,034 00	76.	General Office—Office supplies	$ 2,300 00	
30,865 00	79.	Industrial Education—Office supplies	100 00	
43,440 00	80.	Inspection of Schools:		
		Office supplies $ 600 00		
		Travelling expenses 2,300 00		
			2,900 00	
32,135 00	82.	Normal School, Victoria—Fuel, water, light	550 00	
14,000 00	83.	Education of deaf, dumb, and blind	4,000 00	
560,000 00	84.	Per capita grant to cities	6,000 00	
320,000 00	85.	Per capita grant to municipalities	18,000 00	
6,500 00	93.	Conveying children to central schools	2,000 00	
	94A.	Adjustment for Civil Servants who left the Service between 1st		
Nil		April, 1919, and date of regrading	30 00	
				35,880 00
		DEPARTMENT OF FINANCE.		
42,700 00	98.	Controlling and Audit Branch—Travelling expenses	$ 1,000 00	
7,500 00	100.	Bureau of Information—Pamphlets, editing and sundry expenses	800 00	
6,450 00	102.	Alberni Agency—Expenses	100 00	
4,320 00	104.	Ashcroft Agency—Expenses	1,000 00	
11,700 00	108.	Cranbrook Agency—Expenses	900 00	
5,110 00	109.	Cumberland Agency—Expenses	800 00	
4,579 00	110.	Duncan Agency—Expenses	300 00	
6,200 00	111.	Fairview Agency—Expenses	400 00	
3,589 00	113.	Fort Fraser Agency—Expenses	400 00	
13,200 00	119.	Kamloops Agency—Expenses	800 00	
14,000 00	123.	Nanaimo Agency—Expenses	1,500 00	
21,000 00	129.	Prince Rupert Agency—Expenses	1,700 00	
16,910 00	131.	Quesnel Agency—Expenses	6,000 00	
10,712 00	133.	Revelstoke Agency—Expenses	800 00	
12,580 00	135.	Smithers Agency—Expenses	1,600 00	
	138.	Vancouver Agency—Expenses: Alterations for accommodation		
79,110 00		of Assessor and Collector	5,500 00	
14,664 00	139.	Vernon Agency—Expenses	1,500 00	
2,085 00	141.	Wilmer Sub-agency—Expenses	150 00	
Nil	150A.	Holmes, J. B.—Refund of tax-sale costs	59 00	
	150B.	Adjustment for Civil Servants who left the Service between 1st		
Nil		April, 1919, and date of regrading	130 00	
				25,439 00
		DEPARTMENT OF LANDS.		
85,792 00	154.	General Office—Salaries:		
		A. J. Briggs (additional) $100 00		
		W. S. Beckwith (additional) 100 00		
			$ 200 00	
		Grantees coming within the provisions of section 37 of the "Civil Service Act, 1917," received no increases under regrading.		
17,000 00	171.	Photo-topographical surveys	1,600 00	
		Carried forward	$ 1,800 00	$ 126,889 00

Main Estimates and Special Warrants Fiscal Year 1919-20.	No. of Vote.	SERVICE.		Fiscal Year. 1919-20.
		DEPARTMENT OF LANDS—*Continued.*		
		Brought forward	$ 1,800 00	$ 126,889 00
Nil	176A.	Mrs. B. E. Appel—Compensation in respect of trespass on Pre-emption No. 1320, covering portion of Lot 7369, Cariboo	250 00	
Nil	176B.	Wm. Tytler—Refunds in respect of Timber Licences Nos. 5516 and 5517	3,828 00	
Nil	176C.	W. Dykes and A. J. J. Smith—Compensation in respect of trespass on Timber Licence No. 43761	3,000 00	
Nil	176D.	James C. Gibson—Refund of amount received 13th July, 1911, under Certificate of Purchase No. 749 (S), subsequently disallowed	40 00	
Nil	176E.	Adjustment for Civil Servants who left the Service between 1st April, 1919, and date of regrading.....	160 00	
				9,078 00
		DEPARTMENT OF THE PROVINCIAL SECRETARY.		
$ 46,774 00	199.	Provincial Board of Health—Incidentals and emergencies	$ 10,000 00	
20,000 00	210.	In aid of destitute poor and sick	5,000 00	
171,193 00	213.	King's Printer—Printing-paper, material, and incidentals	4,000 00	
Nil	229A.	Hamilton, John R.—Recompense for destruction of "The Pines," condemned by J. H. Wright, M.B., and destroyed by burning	200 00	
Nil	229B.	Adjustment for Civil Servants who left the Service between 1st April, 1919, and date of regrading	80 00	
				19,280 00
		DEPARTMENT OF PUBLIC WORKS.		
10,420 00	230.	Minister's Office:		
		Office supplies, etc. ..... $ 200 00		
		Travelling expenses 250 00		
			$ 450 00	
45,924 00	231.	General Office:		
		Office supplies, etc. $1,000 00		
		Travelling expenses 400 00		
			1,400 00	
44,620 00	232.	District Engineers:		
		Office supplies ..... $ 300 00		
		Travelling expenses 1,000 00		
			1,300 00	
17,686 00	236.	Maintenance of Government House and Grounds:		
		Fuel, light, and water $1,000 00		
		Maintenance, repairs, and furniture 7,000 00		
			8,000 00	
113,940 00	237.	Maintenance of Parliament Buildings and Grounds:		
		Maintenance, repairs, and furniture $7,500 00		
		Gardening and grounds 1,500 00		
			9,000 00	
1,613,879 00	238.	Roads, Streets, Bridges, and Wharves—Maintenance and repairs	30,000 00	
193,435 00	239.	Steamboats, Ferries, and Bridges—Subsidies and maintenance ..	15,500 00	
Nil	240B.	Adjustment for Civil Servants who left the Service between 1st April, 1919, and date of regrading	270 00	
				65,920 00
		Carried forward		$ 221,167 00

Main Estimates and Special Warrants Fiscal Year 1919-20.	No. of Vote.	SERVICE.		Fiscal Year. 1919-20.
		Brought forward		$ 221,167 00
		DEPARTMENT OF RAILWAYS.		
$ 48,000 00	240A.	Fraser River Bridge, New Westminster		6,500 00
		CAPITAL EXPENDITURE.		
Nil	247A.	Industrial School and Subnormal Boys' School	$ 10,000 00	
2,500 00	252.	Police Station and Quarters, Yahk	700 00	
				10,700 00
		Total		$ 238,367 00

1918-1919

SCHEDULE A

SUMS GRANTED TO HIS MAJESTY TO MAKE GOOD CERTAIN SUMS EXPENDED FOR THE PUBLIC SERVICE FOR THE PERIOD ENDED 31ST MARCH, 1919, AND TO INDEMNIFY THE SEVERAL OFFICERS AND PERSONS FOR MAKING SUCH EXPENDITURES.

SERVICE.	Total.
DEPARTMENT OF THE PROVINCIAL SECRETARY:	
Colony Farm and Nursery	$ 4,776 25
DEPARTMENT OF PUBLIC WORKS:	
Maintenance of Government House and Grounds	76
Total	$ 4,777 01

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1920.

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